THE CHEMIST AND DRUGGIST

TELEPHONE NUMBER: 3617 CENTRAL (3 lines).

Established in **ENGLAND, 1859.]**

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Established in **[AUSTRALASIA, 1885.**

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with
Cod Liver Oil
packed in amber-tinted glass jars —labelled.

SIZES.
½ lb., 1 lb., 2 lb., 4 lb.

Orders can be received for delivery.

Allen & Hanburys,
Limited,
London.

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with
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½ lb., 1 lb., 2 lb., 4 lb.

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UMNEY'S
Choice Synthetics

"ROSETTOL"

A true Rose Odour, 15/- per oz.

"ROSETTOL," first in the field, still holds first place amongst the synthetic rose products.

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.....	Ditto ditto ditto ...	1/-	7/-
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.....	Essona Shampoo Powder	2d.	1/-
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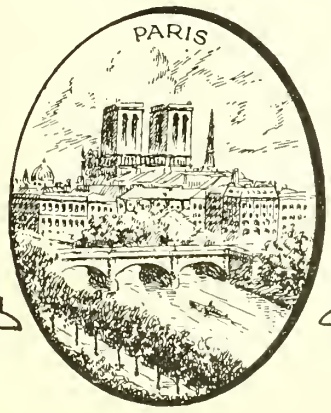

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"RAJINA" (Inter-speed)
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CONTAINING A SERIES OF INTERESTING ILLUSTRATIONS DEPICTING

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□ □ □

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One solution, nine shades.

A first-class article with an excellent demand, created entirely on its own merits, and carrying a first-class profit.

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1/-	1/-	7/6	per doz. less 5 % discount
1/6	1/6	9/-	
2/6	2/3	15/-	
3/6	3/3	21/-	

SPECIAL BONUS.

Buyers of 3 doz. bottles receive 3 bottles gratis (may be assorted and any size).
Do. 6 doz. do. 8 bottles gratis.
Do. 12 doz. do. 18 bottles gratis.
Equivalent in the case of the size in most general demand, viz. 1/6 size to 4/6, 12/- and 27/- respectively.

SOLE PROPRIETORS—

C. R. HARKER, STAGG & MORGAN, LTD.
DEVON WHARF,
Emmott Street, Mile End, London, E.

TIDMAN'S SEA SALT

The Proprietors have been compelled to revise their prices, which are now as follows. The former prices will be reverted to as soon as market, transit, and labour conditions allow.

NEW PRICE LIST.

	Advertised Price Per doz.	Minimum Retail. Per doz.	Wholesale Per gross.
"PENNY PACKETS" (12 in box)	1/6	1/3	10/6
Twopenny Packets (12 in box) ...	2/-	2/-	19/-
	Each.	Each.	Per doz.
Boxes, about 1½ lbs.	4d.	4d.	3/4
" " 3½ "	8d.	8d.	6/8
" " 7 "	1/2	1/2	11/6
" " 14 "	2/-	2/-	20/-

Four 7 lb. Boxes CARRIAGE PAID for 4/-.
Six 7 lb. Boxes CARRIAGE PAID at 11/6 per doz.
Assorted Orders to value of 10/-, CARRIAGE PAID, any of above sizes.

No stock to hold		Each.	Each.	Each.
	Bags of 28 lbs.	3/6	3/6	3/-
	" 56 "	6/6	6/6	5/6
	" 1 cwt.	12/-	12/-	10/-

Carriage Paid.

2½ % Discount for Cash on all orders of 20/- and upwards.

Packing Cases extra and returnable. Half value allowed if not returned.

TIDMAN & SON, Ltd., London, E. (Members of P.A.T.A.)

Seasonable Items

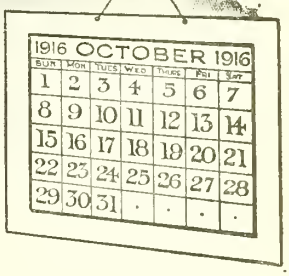
SALEABLE LINES FOR AUTUMNAL TIMES

Maw's Page

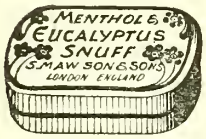
S MAW SON & SONS
(G.P.O. BOX No 541)
7-12 ALDERSGATE ST
LONDON E.C.

NUMBER 259 SEP. 30, 1916

HOURS OF BUSINESS: 8.30 a.m.—5.30 p.m. CLOSE AT 1 p.m. SATURDAYS

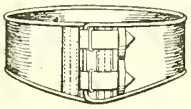


THIS "AUTUMN PAGE" HAS BEEN PLANNED TO ACT AS A REMINDER, AND TO STIMULATE YOUR INTEREST IN THESE ESTABLISHED LINES.



MAW'S MENTHOL AND EUCALYPTUS SNUFF.

A popular preparation, put up in neat tins of a handy size to fit pocket. *Price* 2/3 doz.



MAW'S BODY BELTS.

English pattern. Belt to buckle, made in felt or flannel, grey or red Sizes, 28 to 40 inches. From 30/- doz.

QUININE AND CINNAMON CAPSULES

MAW'S EUCALYPTUS ICE.

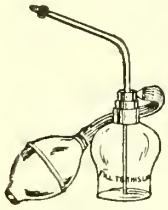
Put up in useful tins to fit pocket

1d. tins	...	9/9 gross
2d. „	...	18/6 „
4d. „	...	3/- doz.

MAW'S MENTHOL CONES.

We hold a leading selection in boxwood, china, glass, and metal cases.

Full list will be forwarded on application.



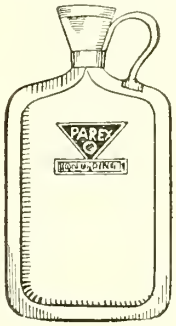
MAW'S "PAREX" SPRAYS.

For Throat, 20/- doz. Ditto, with I.R. nozzle for nose, 23/6 doz.

"BUNGALOW" FOOT WARMERS.

2-pint	...	18/6 doz.
3 „	...	21/- „
4 „	...	26/3 „

Ammoniated Quinine. In tins with metal divisions.
1 doz. capsules, 4/9 doz. boxes.
2 doz. capsules, 9/3 doz. boxes.
Ammoniated Quinine and Cinnamon.
As above. 1 doz. capsules, 6/- doz. boxes.
2 doz. capsules, 11/6 doz. boxes.
Ammoniated Tincture of Quinine. In round enamelled tins.
24 capsules, 8/3 doz. boxes.
Chemist's name and address printed free on orders of one gross and over. Write for sample designs.



MAW'S "PAREX" (REGD.) RUBBER WATER BOTTLES.

British made, double seamed. In 14 sizes. Write for prices.

MAW'S OTTO OF ROSE COLD CREAM.

In dainty earthenware pots. 6d. size, 4/- doz.;

The Finishing Touch

Entering a pharmacy on the South Coast a few weeks ago, we were at once imbued with a pleasant feeling of being among agreeable surroundings. The establishment bore an air of cheerfulness that was for the moment unaccountable.

• • •

Then, on the counter we discerned, appropriately placed among the perfumes, two vases of freshly plucked roses. The fragrance of the pink and white blooms won many comments from customers, and at once put them in an "agreeable" mood for salesmanship purposes.

These flowers formed just the "finishing touch" to a splendidly equipped shop. The pharmacist knew the value of *effect*. He had been scrupulously careful to see that the roses were subordinate to the goods displayed. They were just a star in the pharmacy firmament.

• • •

A small thing will often make or mar success. The coming of the dry plate made photography a new hobby for thousands of people. The pneumatic tyre lifted cycling into a first-class pastime. These industries depended upon certain improvements before they leapt from the lane of indifference into the highway of popularity. *The finishing touch.*

No greater value is placed upon this "final effort" than by the House of Maw staff who are responsible for the production of new lines.

We have evolved, perhaps, a new toilet requisite or surgical appliance. The idea is sound. The preliminary samples are good. Materials are excellent. The price will be right.

Yet we are not satisfied. The prospective line, suitable in every way, lacks that "something" which will raise it to the dignity of Maw quality.

Then comes that happy collaboration of suggestions—a distinctive carton, an ingenious improvement or similar idea is produced—and the finishing touch is achieved.

Capsule

Mail Order Business

INTERESTED?

MANY Clients make good incomes this way.
SOME make fortunes.
YOU can make the former - perhaps the latter.

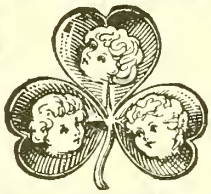
INVESTIGATE!

May I help you?
I am a Fellow of Inc. Soc. Advt. Consultants
Enough said!

WRITE TO-DAY FOR MY FREE BOOKLET "BUSINESS BY POST"

F. A. Degen, F.I.S.A.C.
Mail Order Specialist for Chemists & Druggists,
C/O THE C. & D. 42 CANNON ST., LONDON, E.C.

Do You Sell
Sister Lauras Food?



The question is often asked nowadays. The Chemist who does not stock Sister Lauras Food is missing a good line.

Sister Lauras Food is achieving great success as a preparation for weakly babes and for invalids and the aged.

It makes milk digestible and is invaluable in cases of malnutrition.

It is a thoroughly reliable line and one that brings a handsome return.

Price 1/- & 2/6 per tin. *Samples and advertising matter free on application.*

SISTER LAURAS INFANT FOOD CO., Ltd., 156 Vincent Street, GLASGOW.

LOFTHOUSE & SALTMER, Ltd.

Wholesale & Export Drug Merchants,
Manufacturing Chemists
HULL

INVITE the Trade to take up the following valuable P.A.T.A. Protected Lines, bearing a large Protected Retail Profit, which sell freely and are well known and valued by the Public in many parts of the country.

P.A.T.A.	Protected Retail Price.	Dozen Net.
*LOSALL'S SALT (well advertised), tins	7½d.	5/-
" " " " "	1/2	10/-
" " " " bottles in cartons	1/6	12/-

Losall's Salt sells so well, surely it must pay Pharmacists to stock such a large profit-bearing protected line.

LOSALL'S COMPOUND SULPHUR SOAP.

A valuable emollient medicated skin soap, especially suitable for use in Eczema	1/6	12/-

Chemists requiring effective advertising matter for Losall's Salt, &c., will, on application direct to Lofthouse & Saltmer, receive a liberal supply of Dummies, Showcards, Window Slips, Price Tickets, &c., Carriage Paid, whether or no they have an account open with the Firm.

Virophos

TRADE MARK.

AN IDEAL TONIC FOOD

of proved utility in Nervous Exhaustion and Wasting Diseases, and a powerful Restorative for the Digestive Organs and Nervous System.

"It is of high nutritive value, enhanced by the presence of assimilable phosphates."—*The Lancet.*

The pleasant flavour of VIROPHOS is much appreciated by patients.

PROFIT ON VIROPHOS.

No. 1 (1½ oz.)	Retail 1/3 per tin,		9/- per doz.	
No. 2 (3¼ oz.)	,,	2/-	,,	14/6 ,,
No. 3 (6½ oz.)	,,	3/6	,,	24/- ,,
No. 4 (13 oz.)	,,	6/-	,,	42/- ,,

For Export, No. 3 size, in bottles at 27/- doz. is recommended.

Introduced and prepared only by
C. J. HEWLETT & SON, Ltd.
35-42 CHARLOTTE STREET, LONDON, E.C.

THE MOST ECONOMICAL INFANTS' FOOD.

TRADE MARK. "FRAME FOOD"

ON P.A.T.A. LIST. SHOWCARDS FREE.

FRAME FOOD CO., Standen Road, Southfields, London.

5% Cash Bonus

For Retailers again this year

We have pleasure in announcing that we are again offering a 5% cash bonus on the gross value of all orders for Bovril received up to October 31st, inclusive. (Goods at net prices excluded.)

Now is the time to order your stock of Bovril. Although Beef has much increased in price, the price of Bovril remains unchanged. This should mean much larger sales this season.

It is therefore advisable to buy on a larger scale than usual and to order your stocks early and so avoid any chance of delay in delivery.

For full particulars of trade terms and this year's 5% cash bonus apply to Bovril Ltd., 148-166, Old Street, London, E.C.

BOVRIL

Finest Norwegian Medicinal Non - Freezing

COD LIVER OIL

(GUARANTEED NORWEGIAN)

WRITE FOR PRICES TO—

ISAAC SPENCER & CO. (Aberdeen) Ltd., ABERDEEN

WE CAN GIVE PROMPT DELIVERY.

"SOLAZZI" LIQUORICE JUICE

THE CHEMISTS' BRAND.

'The Lancet' says: 'Of Standard Purity'

Recommended also by *The British Medical Journal, Health, The Chemist and Druggist, Food and Sanitation.*

Ask for SHOWCARDS and HANDBILLS. To be obtained of all Wholesale Houses.

IF YOU WANT A SMART ATTRACTIVE WINTER SPECIALITY

WRITE FOR SAMPLE AND PRICE OF OUR NEW LINE

RED GUM PASTILLES

NOTE THESE POINTS

- AN EXCELLENT AND ATTRACTIVE CRYSTALLISED PASTILLE.
- PREPARED WITH A GUM-ARABIC BASE, ARE BOTH PALATABLE AND EFFICACIOUS.
- HANDSOME SHOWCARDS AND CARTONS SUPPLIED FREE.
- PACKED IN TINS OR SHOW JARS, MAKING A SMART ATTRACTIVE WINDOW DISPLAY.
- SHOW A 100% MINIMUM PROFIT.

T. GUEST & CO.,

LIMITED,

Carruthers Street, Ancoats, Manchester.

Chymol

OCTOBER 1916.

Special Offer No. 3.

(P.A.T.A.)

NEARLY 100% PROFIT

ON YOUR INVESTMENT.

(This offer may be withdrawn at any time without notice.)

WINDOW DISPLAY DETAILS.

	s.	d.		s.	d.
8 doz. 1/- Chymol at 9/- ...	72	0	Selling price, 9 doz. at 1/-...	108	0
6 doz. 2/6 Chymol at 24/- ...	144	0	,, ,, 7 doz. at 2/6...	210	0
	216	0		318	0
Less 5 per cent. for display ...	10	10	Less cost	163	2
Invoice price ... ... (For 1 month's Window Show)	205	2	NET PROFIT	154	10
1 doz. 1/- free, 1 doz. 2/6 free	42	0			
	163	2			

Give size of Window Space for 1 Month's Window Show with Order.

Sent direct or through your Wholesaler.

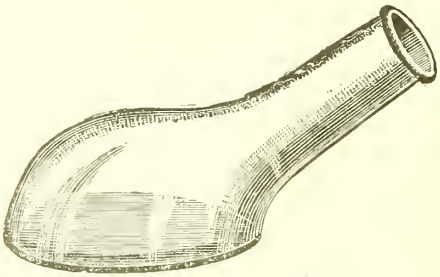
THE CHYMOL COMPANY Ltd.,
ATLANTIC HOUSE,
HOLBORN VIADUCT, LONDON, E.C.

GLASSWARE

FOR

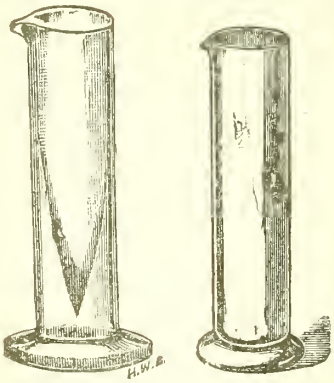
Druggists' Trade

WHOLESALE & EXPORT ONLY.



URINALS, MALE AND FEMALE.

LOTION JARS.



SEDIMENT JARS. HYDRO JARS.

A LARGE STOCK
of all kinds of
Glassware
including:—

URINALS
DROP BOTTLES
LOTION JARS
MEASURES
HYDROMETER JARS
TEST GLASSES
SEDIMENT JARS
POMADES POTS
DISPENSINGS
FUNNELS
TUMBLERS
FEEDING BOTTLES,
SYRINGES &c. &c.

Illustrated Catalogue on application.

Henry W. Bush & Co.

LIMITED,
Rembrandt Works,
Commercial Street, LONDON, E.

20%

on outlay, EXCLUSIVE of all Discounts

is the Retailer's Minimum Profit on

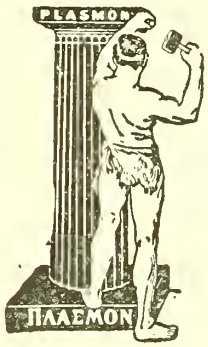
PLASMON FOODS

—Oats, Cocoa, Custard, Blancmange—and

an EXTRA BONUS of 5%

on Plasmon Cocoa and Oat-Cocoa

ON ORDERS BOOKED IN SEPTEMBER.



TRADE MARK.

NOTE.—EVERY SHARE IN THE PLASMON COMPANY IS BRITISH HELD.

PLASMON LTD., FARRINGDON ST., LONDON, E.C.

Contractors to H.M. Government.

Chemists—

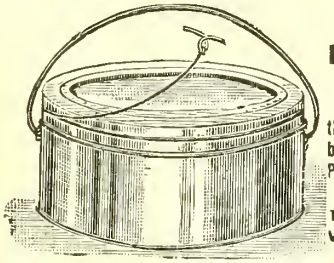
You are not satisfied with the *Developing* and *Printing* now being done for you. Let me put your work right. Send me your next spools. I will develop and print from the negatives. Art Velox only used.

SPEEDY RETURN. PERFECT FINISH.
PRICES GLADLY SENT ON REQUEST.

CHATHAM PEXTON,
46 GRAY'S INN ROAD, LONDON, W.C.
Telephone: 11578 Central.

The Northern Tin Canister Works,

6 Mersey Street,
LIVERPOOL.



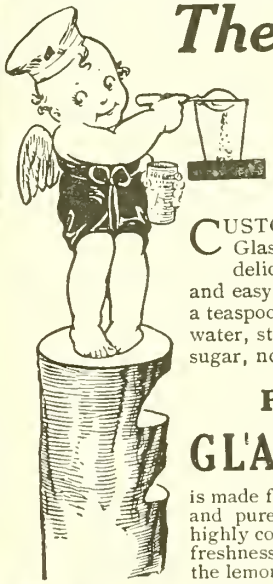
We manufacture for the paint trade in all its branches—Decorated and Plain work.

TIGHT SEAMING & VARNISH BOTTLES A SPECIALITY.

Patent Air Tight Slip-lid Tin for Export.

Prompt Deliveries Assured.

The top-notch SUMMER DRINK



CUSTOMERS ask for Freemans Glass-Lemon because it is so delicious, refreshing, economical and easy to make. You simply put a teaspoonful into a tumbler, fill with water, stir, and there you are. No sugar, no hot water, no bother.

FREEMANS

GLASS - LEMON

is made from the finest Messina lemons and pure cane sugar, reduced to a highly concentrated powder full of the freshness and revivifying qualities of the lemons. A ready seller that customers recommend. Profit by its thriftiness and thrive upon its profits.

NO ADDED SUGAR NECESSARY.

To retail in 7½d., 1/3, 2/6, and 10/- Canisters.

Full particulars from
THE WATFORD MFG. CO., LTD.
Proprietors of Freemans Table Dainties, Vi-Cocoa & Boisseliers (Boy-sel-e-a) Chocolates.
VICTORIA WORKS, WATFORD.

Freemans TABLE DELICACIES Watford

Miss
Phyllis Dare.

Photo:
Rita Martin.

BEAUTY IN EXCELSIS

Wherever Beauty and a smart youthful appearance are appreciated, the preparations of Edwards' "Harlene" Co. hold premier position in public estimation.

For Hair Health and Beauty.—"Harlene Hair Drill" is required as the ideal scientific method, holding a clientele of millions of British subjects.

For the Complexion.—"Astine" Vanishing Cream—a new note in exquisite Beauty Culture—stands alone, Britain's most beautiful women declaring it Ideal.

For the Complete Overcoming of Grey Hair.—"Astol"—not a Dye or Stain—is recognised as the only true colour restorative.

Then there are also "CREMEX" SHAMPOO POWDER, "ASTINOL" AROMATIC FLUID (Pine Baths at Home), "ASTINE" SHAVING STICK, "ASTINE" SOAP, etc.

Watch the Great Free Gift Advertising Campaign that brings the flock of customers to your shop.

For particulars, advertising literature, &c.,

EDWARDS' HARLENE Ltd., 20, 22, 24 & 26 Lamb's Conduit St., LONDON, W.C.

R. J. REUTER,

Dealer in, & Manufacturer of, Chemists' Sundries,

69 CARTER LANE, LONDON, E.C.

The House for Home and Export Trade.

We solicit your inquiries for the following, made in our own Workrooms, under expert supervision, ENTIRELY BRITISH :—

WASHING GLOVES.
SPONGE BAGS in many varieties.
SPONGE WRAPS " "
BODY BELTS.
H.W. BOTTLE COVERS.
BATH STRAPS of every description.
TOILET and ARMY HOLDALLS.
SUSPENSORY BANDAGES.
TOILET WASHING SQUARES.

We hold stocks in London of :—

HOT WATER BOTTLES.
BREAST EXHAUSTERS.
THROAT SPRAYS and ATOMIZERS in great variety.
SOLID INDIA-RUBBER AIR CUSHIONS (circular and square).
COMBS.
TOOTH BRUSHES & SHAVING BRUSHES.
HAIR BRUSHES.
NAIL BRUSHES.
PUFFS.
SYRINGES of every description.
DOUCHES.
ENEMAS.
CLINICAL and OTHER THERMOMETERS
CREPE BANDAGES—(A Specialty).
"VĒVAX" SAFETY RAZORS & STROPS.
"VĒVAX" SAFETY RAZOR BLADES.
PEARL and IVORY NAIL TRIMMERS.
FLEXIBLE & RIGID STEEL NAIL FILES.

Large assortments of MANICURE and TOILET REQUISITES and DRUGGISTS' SUNDRIES generally—suitable for high-class trade.

SOLE DEPÔT FOR :—

"VĒVAX" LIQUID TOILET SOAP.
"VĒVAX" LIQUID DOG SOAP.
"VĒVAX" SHAVING SOAP.
"VĒVAX" LIQUID SHAMPOO.
HUDSON'S VEGETABLE LEAFLETS.
"VĒVAX" BRILLIANTINES.
"VĒVAX" BATH SALTS.
"VĒVAX" POWDER LEAVES.
"VĒVAX" CRAYON NAILROSE.

You Reap the Profits!

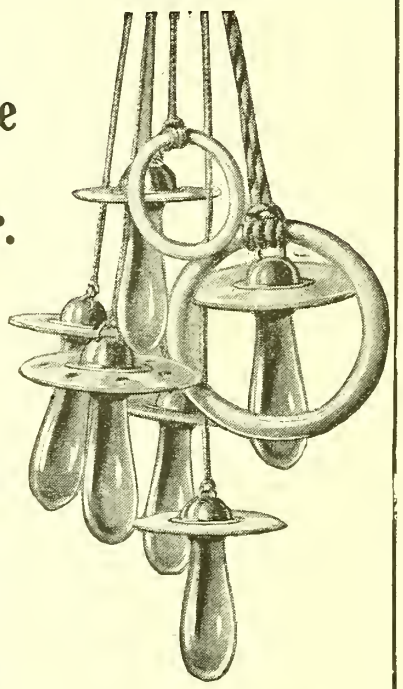
The above is only one of the many forceful advertisements now appearing in the most influential National publications and Fashion periodicals telling housewives that Iron-mould is no longer immovable. MOOVOL contains no injurious acids and is not harmful to the most delicate fabric.

ARE YOU PARTICIPATING IN THE PROFITS?

Send a P.C. for trial stock and display material to

WM. EDGE & SONS, LTD.,
BOLTON, LANCS.
(THE DRUMMER DYE PEOPLE.)

The Eversafe Baby Pacifier.



Patented in all countries.

Entirely British Made.

Accumulated orders permit of forward delivery only.

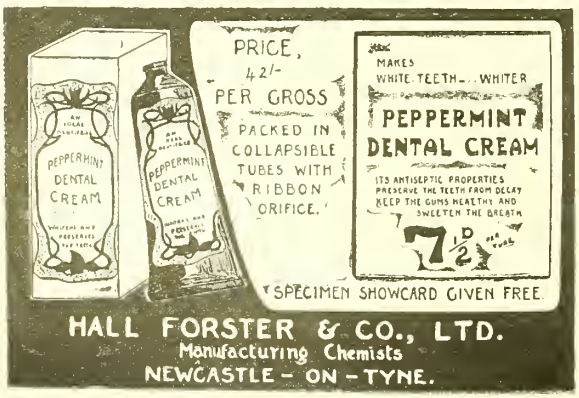
F. SCHUTZE & CO. LTD.,
Black Bull Works, LONDON, N.

METHYLATED SPIRIT

OILS AND CHEMICALS.

Buy from one of the Oldest Houses in the Trade.
Write for Prices. ESTABLISHED 1794.

SAMUEL THORNLEY, LTD., BIRMINGHAM



LABORATORY
OF GENERAL PHARMACOLOGY,
8, Rue Vivienne, Paris.
LONDON AGENTS:
WILCOX, JOZEAU & CO., 49, Haymarket, S.W.

CHAPOTEAUT'S
CAPSULES of
PHOSPHOGLYCERATE
of LIME.
THE BEST TONIC FOR
FORTIFYING AND BUILDING UP
THE NERVOUS SYSTEM.
Sold by all Chemists.
Wholesale: 8, Rue Vivienne.
PARIS.

MORRHUOL CHAPOTEAUT

CAPSULES
MORRHUOL DE CHAPOTEAUT is extracted from cod-liver oil, and contains all its efficacious properties without the disagreeable taste.
It cures Coughs, Bronchitis and Catarrh, restores the appetite, and gives force to feeble persons.
SOLD BY ALL DRUGGISTS.

CHANDRON'S
DROPS
(Gouttes des Colonies)
A harmless antiseptic
preventative against CHOLERA-
FERMENTATION - INDIGESTION
& other intestinal disturbances.
SOLD BY ALL CHEMISTS

LONDON AGENTS
HEPPELL & CO., 164, Piccadilly, W.

SAVE 3/- PER GALLON

BY BUYING

GUARANTEED GENUINE

NEWFOUNDLAND NON-FREEZING MEDICINAL COD LIVER OIL

OF 1916 MAKE.

Highest possible quality in smell, taste and colour, comparing most favourably with the finest Norwegian. Manufactured from the finest fresh Cod Liver on same day as fish caught.

WHOLESALE ONLY.

Kindly write for sample to

JOB BROS., Manufacturers, Tower Building, LIVERPOOL.

Telegraphic Address: "JOB LIVERPOOL." Tel. 1039 CENTRAL.

And of ST. JOHN'S, N.F. Established 1780.

7d

Make your old Hat a new one.

In bottles, 7d. each, in separate neat cartons, with suitable brush.

These Dyes are a distinct invention, dyeing the straw without an objectionable varnished appearance, and producing the effect of new goods.

NO GLOSS. NO POLISH.

On the P.A.T.A.

WRITE FOR TERMS, PATTERNS, ALSO LEAFLET OF TESTIMONIALS.

"Luton" HAT DYE

WHITAKER & CO., COLOUR WORKS, KENDAL, ENG.

London Depot: 60-62 Clerkenwell Road, E.C.

"Glossy" Series supplied if desired.

Special Non-Inflammable Series for Export. *Est. 1872.*

Telegraphic Address: "Dullette Kendal." Telephone: No. 24.

SAPONINE

(SOLUBLE),

MANUFACTURED BY

C. W. FIELD, LTD.,

Cambrian Mills, LIVERPOOL.

Special Terms to Wholesalers and large Consumers.

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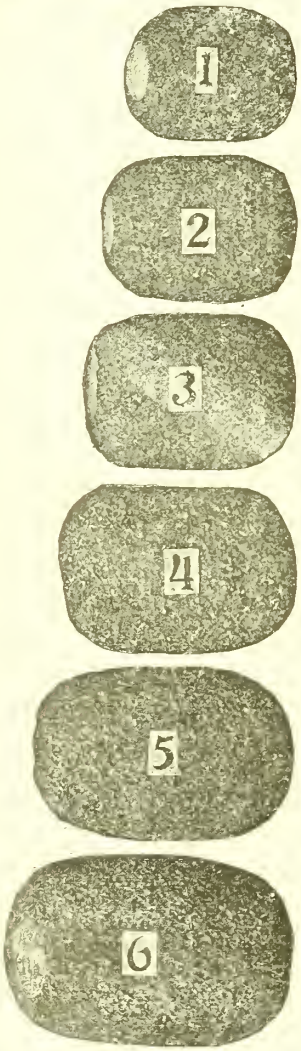

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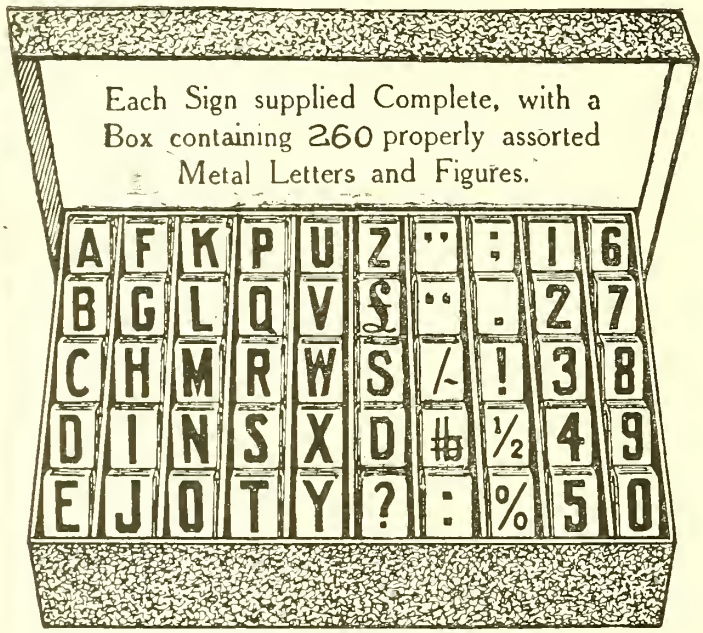

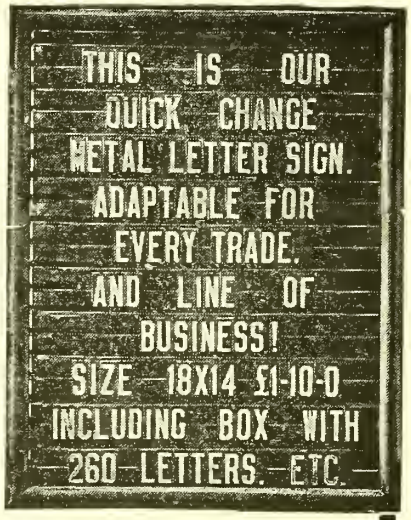

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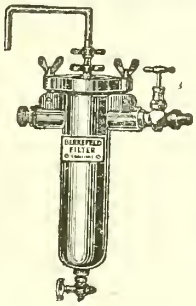

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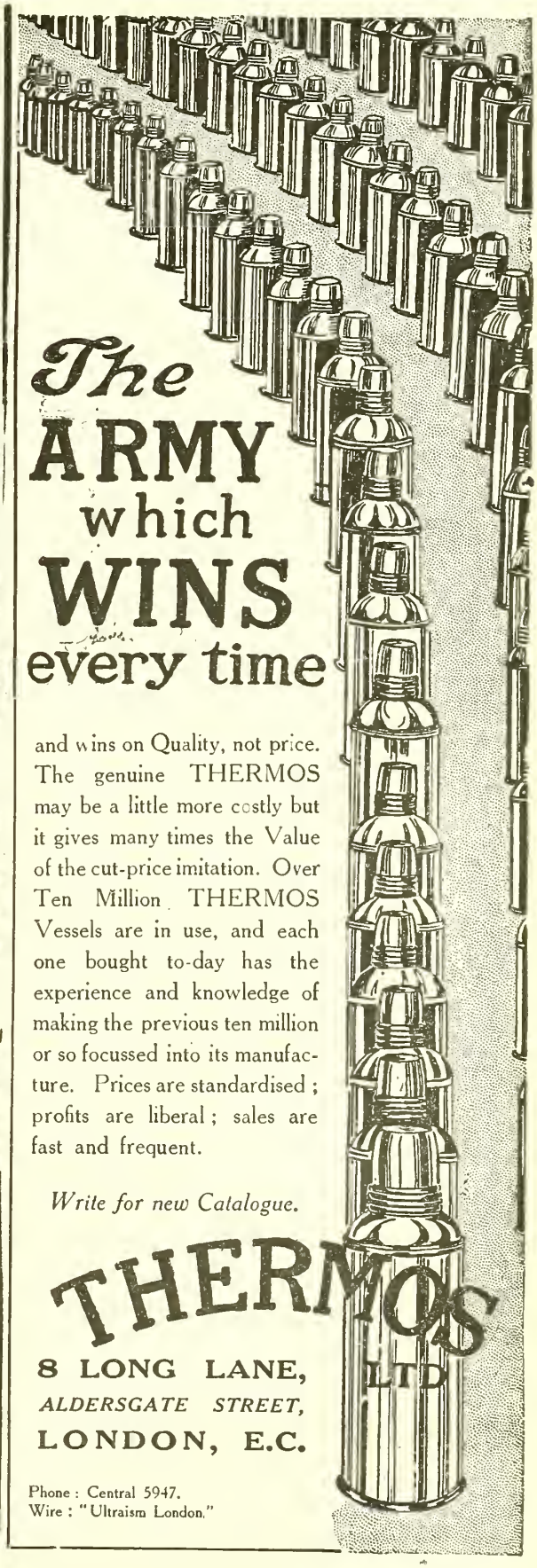

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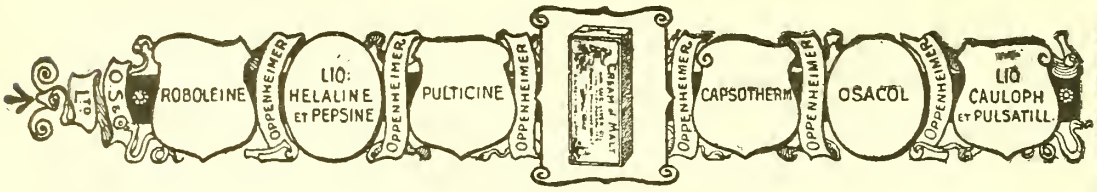

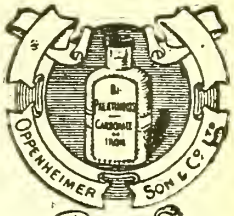

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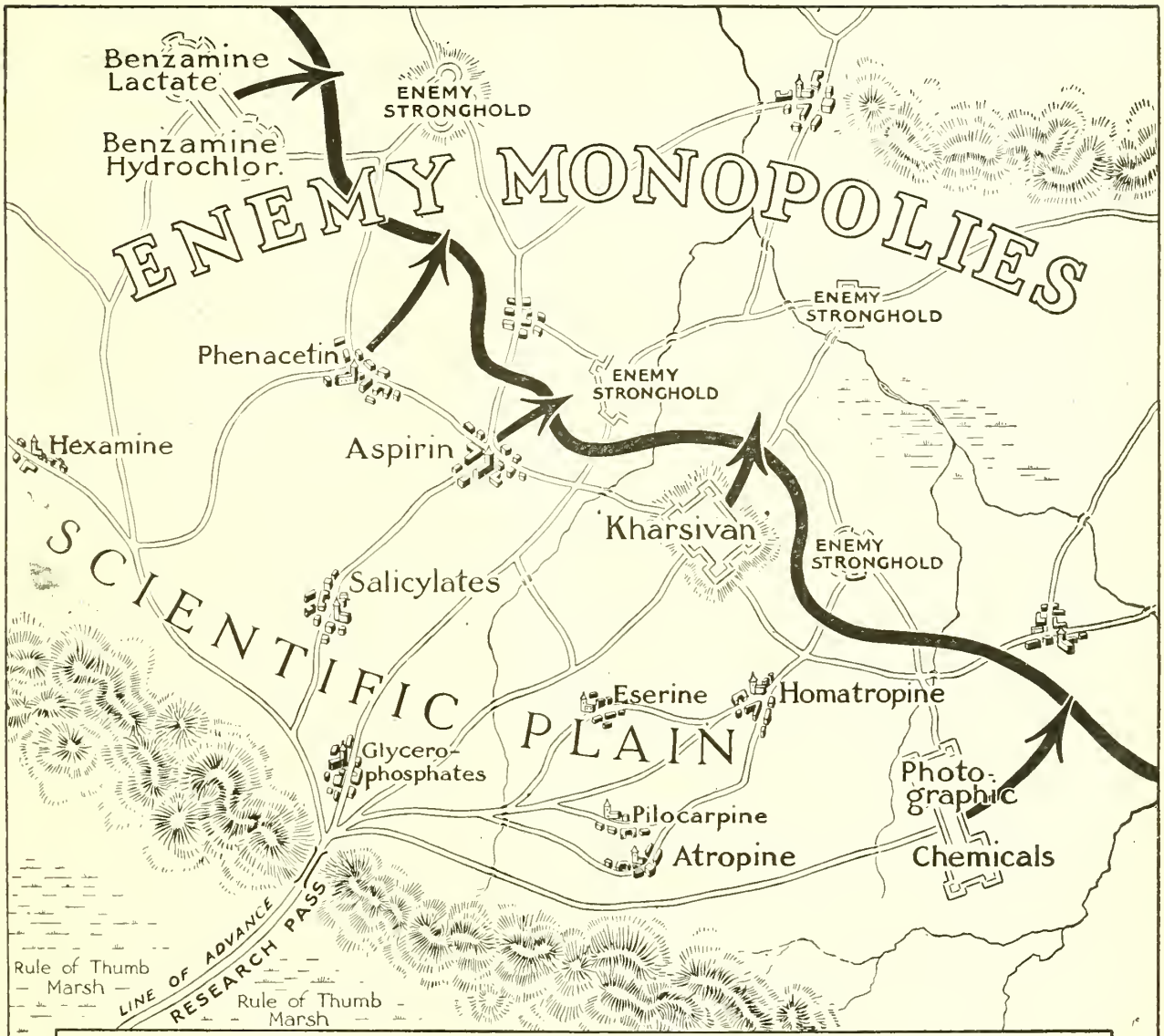

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Coming Events.

This section of the "C. & D." is reserved for advance notices of meetings or other events. These should be sent to the Editor by Wednesday of the week before the meetings, etc., occur.

Sunday, October 1.

Pharmacist Volunteer Training Corps. Orders as last week. (See also p. 35.)

Wednesday, October 4.

Pharmaceutical Society of Great Britain, 17 Bloomsbury Square, London, W.C., at 11 A.M. Council-meeting. At 3 P.M. opening of the 75th session of the School of Pharmacy. Inaugural address by the President (Mr. Edmund White).

Thursday, October 5.

Western Pharmacists' Association, Restaurant Fraseati, Oxford Street, London, W., at 6.30 P.M. Annual reunion, supper and whist-drive. Tickets from Mr. C. Brooks, 4 Northumberland Avenue, W.C., and Mr. W. E. D. Shirtliff, 66 Goldhawk Road, W.

North London Pharmacists' Association, St. Padarns, Salterton Road, Seven Sisters Road, Holloway, at 3 P.M. Opening meeting of session.

Great Yarmouth Pharmaceutical Association, at 8.30 P.M. Monthly meeting.

FOR THE LONG NIGHTS a most entertaining and readable book is Wootton's "Chronicles of Pharmacy." The two volumes, published at a guinea, are sold by the *C. & D.* for 7*s.* 6*d.* Postage, United Kingdom 7*d.*, foreign 1*s.* 9*d.*

European War News.

Prohibited Exports and Imports.

SWITZERLAND.—Cellulose acetate has been placed on the prohibited list of exports.

Personalia.

LIEUTENANT PHILIP LEWIS, only son of the late Thomas Lewis, Ph.C., J.P., Fishguard, who was taken prisoner at Kut, has been released by the Turks.

MR. R. R. COATES, London representative of the Hoffmann-La Roche Chemical-works, Ltd., has been gazetted as second-lieutenant in the Gloucestershire Regiment.

SIGNALLER F. COOKSBY, who was employed by Evans Sons Lescher & Webb, Ltd., wholesale druggists and chemical-manufacturers, Liverpool, has been awarded the Military Medal for conspicuous bravery; his home is at 50 Whitefield Road, Everton. His colleagues in Hanover Street are proud of the distinction.

SIGNALLER F. COOKSBY.

PRIVATE E. H. SPRAGGON, West Yorks Regiment, who has been wounded and has lost his right arm by amputation, served his apprenticeship with Mr. John Lambert, chemist and druggist, of Durham, and when he enlisted he was dispenser for Dr. Morris, of New Brancepeth (co. Durham).

MR. C. N. A. SHARLAND, son of Mr. C. Sharland, principal of Sharland & Co., Eldon Street House, London, E.C., early in the war joined the Forces and received a commission in the 6th Suffolks. Nine members of the Sharland staff in London also joined his Majesty's Forces early in the war. This is *à propos* of the Tribunal case reported last week.

CAPTAIN FRANK DALLIMORE, R.A.M.C., who is at the Front with the Yorkshire Regiment, has been awarded the Military Cross for conspicuous gallantry on the field. He is the third son of Mr. W. Dallimore, Ormskirk, Lancashire, and served his apprenticeship in pharmacy with Garsides, Ltd., chemists and seedsmen in that town. He was successful in winning the Manchester Scholarship in 1902, and went to the Royal Infirmary, Liverpool, where he studied under Mr. P. H. Marsden, F.C.S. He passed the Minor examination in April 1903, and the Major a year later. For some time afterwards he acted as *locum* to various pharmacists in the neighbourhood of Liverpool. Then he entered as a medical student at the Liverpool University, where, early in 1914, he took the degrees of M.B., Ch.B. Immediately thereafter he acted as surgeon on board a steamer which sailed for China, and at the outbreak of war he was abroad, but hastened home and joined the O.T.C. at the Liverpool University. He was appointed Medical Officer to one of the "Pals" battalions raised in Liverpool, under the auspices of Lord Derby, in September 1914, and was stationed for some time with them at Hooton Park, Cheshire. He went to the Front with a Royal Garrison Artillery unit in March 1915, afterwards being attached to the Yorkshire Regiment, and in October 1915 was gazetted captain. He has many friends in South Lancashire.

CAPTAIN DALLIMORE, R.A.M.C.

STAFF-SERGEANT DISPENSER J. M. HOSKING, now with the Australian contingent in England, is a pharmaceutical chemist of New South Wales. He comes from Sydney, N.S.W.

GUNNER MATTHEW DENISON, R.F.A., who was with Mr. George Weston, chemist, Parliament Street, Harrogate, prior to enlistment, has been wounded and is also suffering from gas-poisoning.

PRIVATE MALCOLM MCKEE, 1/8th Middlesex Regiment, second son of Mr. S. C. McKee, chemist, Acton, W., was wounded on September 15.

MR. ROBERT ELLIS, chemist and druggist, Terrace Road, Aberystwyth, has received information that his younger son, Mr. Rhys Ellis, has been wounded by a bullet in the right loin while on active service in France. He is now progressing satisfactorily in a military hospital in Birmingham.

New Export Conditions.

(*Certificates of Interest.*)

With a view to preventing breaches of the Trading with the Enemy Acts and Proclamations, particularly the Trading with the Enemy (Extension of Powers) Act, 1915, *all* goods exported from the countries marked "A" below on and after October 1 to the United Kingdom, Australia, Newfoundland, New Zealand, Union of South Africa, all Colonies not possessing responsible Governments and Protectorates, as well as India, must be accompanied by Certificates of Interest. These Certificates will be issued by his Majesty's Consular officers, who will require documentary evidence that no enemy or person with whom trade is for the time being prohibited (*e.g.*, persons on the Statutory List) has any interest in the goods:

"A."

Abyssinia, Argentina, Azores, Bolivia, Brazil, Canary Islands, Cape Verde Islands, Chile, Colombia, Costa Rica, Cuba, Danish West Indies, Dominican Republic, Ecuador, Greece, Guatemala, Honduras, Liberia, Madeira, Mexico, Morocco, Muscat, Netherland East and West Indies, Nicaragua, Panama, Paraguay, Persia, Peru, Philippine Islands, Portuguese East and West Africa, San Salvador, Spain, Spanish West Africa, Uruguay, and Venezuela.

In the case of exports from the countries marked "B" below where Certificates of Origin have hitherto been required, Certificates of Origin and Interest will be required for goods exported on and after October 1 on the same conditions, except that the additional evidence required for a Certificate of Interest will have to be produced to the Consular officer to whom application is made for the issue of the combined Certificate.

"B."

Norway, Sweden, Denmark, Holland, and Switzerland.

In the case of these five countries, goods for which Certificates of Origin are not at present required will not have to be accompanied by the new form of Certificate of Origin and Interest. *All goods exported on and after October 10 from the five countries marked "B" above to Canada must be accompanied by a Certificate of Origin and Interest.* In other cases Certificates are not compulsory, but many traders, and particularly British shipowners and masters, will no doubt require, for their own protection against possible breaches of the Trading with the Enemy Acts, to be furnished with Certificates for goods consigned to any destination whatsoever. Consular officers have accordingly been instructed to furnish Certificates in such circumstances on application. The period of validity shown on Certificates of Interest and Certificates of Origin and Interest will in no case exceed two months. It is required that shipment shall have been effected with the country of origin within the period of validity stated on the Certificate, and it is not necessary that the goods shall have arrived at their ultimate destination within that period. The onus of proving that the goods were shipped within the period required will, if necessary, rest in cases of doubt with the importer of the goods.

Miscellaneous.

APPROVED FIRM IN CHINA.—The British Medical Imports Co. (proprietors, F. J. Norbury & Son) has been added to the list of firms to whom articles to be exported to China may be consigned.

THE BRITISH RED CROSS DENTAL VAN has just been sent to the Front. It includes the most up-to-date apparatus, such as electric drilling machines, laughing-gas apparatus, and an adjustable chair.

A CENTRAL MEDICAL BOARD for the re-examination of recruits in certain cases is being appointed by the War Office. It will consist of Colonel E. H. L. Lynden-Bell, Colonel Sir Frederick Treves, and Sir James Mackenzie. The Board will re-examine men who, after being passed by a local Medical Board, produce to Tribunals certificates from civil practitioners that they suffer from certain diseases and are unfit for service.

Military Tribunals' Decisions.

ABERDEEN.—At a meeting in Aberdeen of the representatives of the military authorities, the Pharmaceutical Committee, and other bodies concerned, the cases of about fifty Aberdeen chemists were considered. Nine assistants are to be called up. With the exception of Mr. R. Shand and Mr. W. Turner, who were granted three months' exemption (their cases to be reconsidered then in the light of military necessity at the time) no chemists in business have been interfered with.

ABERYSTWYTH.—R. J. Williams, chemist's apprentice, was granted conditional exemption.

BRIDGWATER.—Mr. L. H. Llewellyn, Penel Orlien, applied for exemption for C. W. Brunning, his dispenser. The application was adjourned pending communication with the Insurance Committee.

BROMLEY.—H. Farrar, with Mr. R. C. Davenport, chemist and druggist, and A. Hall, with Mr. J. Timmis, chemist and druggist, have been granted exemption for three months.

BURNHAM.—Mr. W. H. Woodman, chemist and druggist, has been conditionally exempted.

CHESTER-LE-STREET.—Mr. G. E. Maddison, chemist and druggist, Pelton Fell, was granted conditional exemption.

DEAL.—Conditional exemption was granted to Mr. A. Buxton, chemist and druggist, manager to Timothy White Co., Ltd.—The case of P. C. Hadden, with the same company, was adjourned for a fortnight.

KINGSTON-ON-THAMES.—Mr. H. G. Hodder, chemist and druggist, was allowed further exemption for his assistant until October 15.—Mr. S. E. Walmsley, Ph.C., was exempted until December 31.

LAMBETH.—Mr. J. P. Inch, chemist and druggist, Kennington Park Road, was granted six months' exemption.

NEWBURY (BERKS).—Exemption has been refused for Mr. H. Angus, chemist and druggist, with the Timothy White Co., Ltd. An appeal is to be made.

QUEENSBURY.—J. Brooksbank, chemist's assistant, was conditionally exempted.

REIGATE.—Mr. Williams, manager to Mr. F. Rogers, chemist and druggist, was refused exemption.

VENTNOR.—Conditional exemption was granted to Mr. Oliver E. Hickson, chemist and druggist, High Street.

WIMBORNE.—Mr. F. K. Rowe, chemist and druggist, was granted conditional exemption.

WOKING.—Mr. A. H. Price, Ph.C., was granted conditional exemption.

YEOVIL.—The application for exemption of W. Perkins, assistant to Mr. C. Cowle, chemist and druggist, was refused.

Trade-marks Applied for.

The figures in parentheses refer to the classes in which the marks are grouped, for a list of which, with particulars as to registration, see "The Chemist and Druggist Diary," 1916, p. 365.

(*From the "Trade-marks Journal," September 13, 1916.*)

"MATINÉE"; for all goods (48). By T. Anyon, 89 Lloyd Street, Chorlton-on-Medlock, Manchester. 374,128.

Picture of children swinging; for perfumery, etc. (48). By G. W. Goodwin & Son, Manchester. 374,219.

"VERTEX"; for goods (50). By Selfridge & Co., Ltd., 400 Oxford Street, W. 373,307.

"PUMEX" and diamond and circle device ("Pumice" disclaimed); for prepared pumice (50). By N. J. Fenner and H. B. Alder & Co., Ltd., 120 Fenchurch Street, E.C. 373,827.

(*From the "Trade-marks Journal," September 20, 1916.*)

"WINTHOL"; for goods (2). By C. Frankel and J. Weintroube, 190 Hammersmith Road, London, W. 374,050.

"VELVETTA"; for goods (2). By Davis & Co., Paris House, 266, 268, and 270 Regent Street, London, W. 374,091.

"KENWASH"; for goods (2). By The Golding Manufacturing Co., Ltd., The Soap-works, near Hampstead Lane, Yalding, Kent. 374,235.

"OOREKA"; for goods (3). By Evans Sons Lescher & Webb, Ltd., 56 Hanover Street, Liverpool. 373,849.

"ATOCHINOL" and "UTROPAVIN"; for goods (3). By The Society of Chemical Industry in Basle, 141-227 Klybeckstrasse, Basle. 374,344/66.

"DEKKO"; for spectacles (8). By Raphaels, Ltd., 57B and 57C Hatton Garden, London, E.C. 374,093.

"DULC-O-DO"; for toilet-preparation (48). By B. Harness, 27 Campden Hill Court, Kensington, London, W. 374,058.

(*From the "Trade-marks Journal," September 27, 1916.*)

"SEREEN"; for chemicals (2). By Davis & Co., 266-270 Regent Street, London, W. 374,090. (Associated.)

"H. A. B."; for medicines (3). By F. Bonaventura, H. E. Aveline, and E. Harrison, 37 and 39 Marshgate Lane, Stratford, E. 372,925.

"GLYSOPHATE" and "PROTOSPHATE"; for all goods (3). By F. E. Coe, 144 Albany Street, N.W. 374,035/6. (Associated.)

"CYSTOFORMIN"; for medicinal chemicals (3). By Southall Bros. & Barclay, Ltd., Birmingham. 374,328.

English and Welsh News.

Subscribers are invited to send to the Editor newspapers containing matters of trade interest. The items should be indicated.

Pharmacists' Volunteer Training Corps.

We understand that Lord French is to review the Pharmacists' Volunteer Training Corps at Brockwell Park, Herne Hill, on Sunday morning, October 1, at 10 o'clock sharp. The Corps has been developing splendidly of late, and has two hundred members engaged in the work. Lord French would like to see them all on Sunday, when they have a splendid opportunity of showing him what excellent men pharmacists are. Therefore they should all be there and ready before ten o'clock to receive him with the appropriate salute.

The late G. T. W. Newsholme.

In the committee-room of the Sheffield Union Offices in the presence of nearly all the members of the Board, Mrs. Elizabeth Chappell, the oldest member, unveiled a portrait of the late Chairman, Mr. G. T. W. Newsholme, J.P. The Chairman of the Board, Mr. J. W. Flint, who presided, said it was originally intended to have the portrait hung in the board-room, but it was found unsuitable, as the only photo obtainable was a bust. Several members spoke feelingly of the work and worth of their late Chairman. Mr. Booker, the Clerk, said the position of the portrait was by no means unfortunate, as Mr. Newsholme, as first Chairman of the Yorkshire Joint Poor-Law Committee, spent much time in that room. The Committee still meet in the room, and would be glad to look upon the excellent likeness of their much-respected colleague. The portrait hangs between two valuable prints of old Sheffield presented to the Board by Mr. Newsholme. The inscription-plate reads:

George T. W. Newsholme, J.P., for 24 years a Guardian and for 8 years Chairman of the Board. This portrait was subscribed for by members and past members, August 1916.

Contracts.

The following contracts have been notified since our last issue:

Bolton Union.—Mr. Wm. McClellan, Spa Road, for disinfecting-fluid, soft soap, etc.; Thos. Moserop & Co., Ltd., for soda, disinfecting fluid and paint, etc.; Waller & Riley, for drugs and druggists' sundries.

Clitheroe Union.—Mr. J. Harrison, chemist and druggist, for drugs and dressings.

Colchester Board of Guardians.—Mr. A. Nunn has been appointed chemist for six months.

Cranbrook Board of Guardians.—Mr. A. J. Gray, chemist and druggist, Hawkhurst, Kent, for medical appliances.

Derby Board of Guardians.—R. Daniel & Son, for drugs, etc.

Hemel Hempstead Union.—Mr. F. Chapman, chemist and druggist, for a six months' supply of surgical dressings.

Lewes Board of Guardians.—Boots, Ltd., for drugs, 21*l.* 11*s.*

Nuneaton Board of Guardians.—Mr. G. Davison, chemist and druggist, for drugs; Boots, Ltd., dispensing.

Romsey Board of Guardians.—Mr. F. Orman, surgical dressings and drugs.

South Stoneham Board of Guardians.—Bates & Co., Southampton, for medical requisites.

Sudbury Board of Guardians.—Mr. A. B. Withers, chemist and druggist, for drugs.

Upton-on-Severn Board of Guardians.—Mr. H. J. Aubrey, chemist and druggist, for drugs.

Watford Board of Guardians.—E. M. & M. T. Chater, chemists and druggists, for drugs, 125*l.* 3*s.* 9*d.*, and dressings, 56*l.* 16*s.* 8*d.*

Weymouth Board of Guardians.—Mr. M. T. Evans, chemist and druggist, for hospital dressings.

Wolverhampton Board of Guardians.—Corbyn Stacey & Co., Ltd., 104*l.* 0*s.* 7¾*d.* for drugs for immediate delivery to the workhouse, and 31*l.* 6*s.* 10¾*d.* for drugs for out-relief dispensing: G. Harold, drysalteries; T. B. Haynes, powdered borax, 4½*d.* per lb.; the "Sanitas" Co., Ltd., floor-polish ("Sanitas" B); Robert Brown & Co., carbolic soft soap, 28*s.* per cwt.

Birmingham.

Conditional exemption has been granted to dentists' assistants and mechanics by the Birmingham Local Military Tribunal.

The suggestion of compulsory closing at seven o'clock on certain nights is leading to considerable opposition, seeing that it will interfere with the shopping of munition-workers.

The high price of methylated spirit and the difficulty of getting it are a serious drawback in this city, which uses immense quantities of it in making lacquers and varnishes for bronzing gun-barrels.

The deferred-holiday scheme seems to be fraught with trouble. Some propose to close; other traders say, "Nay; we have given our assistants the usual summer holidays, *plus* the official two days, and cannot do more."

The Birmingham Chamber of Commerce are to purchase for 50,000*l.* the huge building in New Street, known as the Colonnade Hotel, to provide a House of Commerce worthy of the workshop of the world. Pharmacy is represented in the Chamber by Mr. Marshall Freeman, the pharmaco-barrister.

In the rounding-up which is taking place in the Birmingham district the younger pharmacists and the sons of the older ones have not been neglected, but have as a rule been well met by the Tribunals, and many have been exempted or placed in a class so remote that they will not be required immediately.

The announcement that the Government are considering what steps should be taken to put a stop to the inflation of the price of shellac is welcomed by Birmingham manufacturers, for it is largely used in lacquering enormous quantities of brass and silver work made in the city, as well as in making hand-grenades and other military work.

Leeds.

An official or detective has been calling at pharmacies to see if the certificates of qualification are being exhibited.

Owing to the darker nights and the lighting restrictions the public are shopping earlier, but many of the doctors are so busy with military duties that they are unable to see their patients until after 7.30 P.M.

The Insurance Commissioners have given permission to the Leeds Insurance Committee to supply an artificial limb to an insured person. The man was undergoing treatment in the sanatorium for tuberculosis, and as part of the treatment his limb was taken off.

John Henry Houchin was summoned by the Medical Defence Union for falsely representing himself as a doctor of medicine. He is connected with J. H. Houchin, Ltd., artificial-teeth makers, Leeds. An application was made for the exemption of Albert Edward Houchin, the manager of the Dewsbury branch of the company, and was signed J. H. Houchin, M.D. In reply to the Chairman of the Tribunal, the defendant said the letters M.D. stood for "managing director." After evidence, the Bench considered the case proved, and fined defendant 5*l.* and costs.

Liverpool.

A Pharmaceutical Society's representative has been round inspecting certificates.

Mr. John Bain and Mr. Stopforth (Rowand & Co.) have each had a son wounded at the Front.

Several pharmacists have received a P.O. notice advising them of the revision of "obsolete" telephone rates.

Mr. William P. Evans (President of the Liverpool C.A.) returned from Harlech to Hanover Street on Monday.

"Trade is good, there can be no doubt about it. I have never worked so hard in all my life, as one can obtain so little assistance." So stated, this week, one of the leading pharmacists in the city.

The Early Closing Association has obained widespread support for a proposal to accompany the operation on October 1 of the Summer Time Act by an earlier closing of shops. So far, the chemists and druggists have little winter promise of any save indirect benefit from the Act, though their own former and largely successful efforts to relieve the tension, increased by depletion of the ranks, are being renewed.

The Liverpool Chemists' Training Corps has been increased, by voluntary recruits, to a strength exceeding sixty. Its objects, already achieved by certain of the earlier members, are to obtain proficiency in ambulance and stretcher work so as to be enabled to assist the local authorities, civil and military, at any time when called upon. Dr. Murray Cairns is the lecturer, and he brings with him to the Royal Institution, Colquitt Street, as assistants at the Monday and Wednesday evening classes, two highly qualified nursing sisters. A sergeant-instructor is to be retained for stretcher-work. The corps has already taken part in volunteer guard-work or in receiving wounded soldiers at the hospitals and attending them until comfortable in bed. Mr. Hirst (Budden & Co.) and Mr. R. S. Paterson are the officers. The corps is recognised by the military commandant of the district.

Sheffield.

Mr. Leonard Ratcliffe has been appointed by the Military Hospital Committee officer-in-charge of the Runcorn Military Hospital. Mr. Ratcliffe is a chemist and druggist with poor-law experience.

The deepest sympathy is felt for Mr. Geo. Owen, chemist and druggist, late Treasurer of the local Society, whose son Geoffrey, a fine young man over six feet high, has been missing since the commencement of the big push on the Somme.

The many Sheffield friends will join with the Retford Tribunal in welcoming back from the war Councillor Hollely, Ph.C., ex-Mayor of Retford. Mr. Hollely, in returning thanks to the Tribunal, said he could not understand men who were selling curtains for an old-established business asking to be excused service when they wanted men to creep through the curtain of fire.

West Bromwich.

West Bromwich, Smethwick, and Oldbury have asked Birmingham to allow them to join their Minimum Prices Scheme, with Mr. Tranmer to represent them on the Birmingham Executive.

Sergeant H. Osborne, who passed the Minor in April 1914, has been gassed, and for some time his condition was critical. Thanks to his excellent stamina he has now recovered, and is back again in the fighting-line.

Panel chemists have been paid 5*d.* per script for August and balance of June account. They have also received cheques for the balance owing from 1915, less 11*l.*, the Pharmaceutical Committee's share of the pricing-expenses for 1915.

Miscellaneous.

THE YORK CORPORATION has approved plans of additions to warehouses, etc., in Colliergate, for Bleasdale & Co., Ltd.

IN LIMEHOUSE members of the Salvation Army are helping the police to carry out the Opium Order among the Chinese.

BRIGHT LIGHTS.—Mr. Thomas D. Robinson, Ph.C., Haverhill, Suffolk, was fined 25*s.*, on September 25, for showing a bright light from his premises.

EDWARD EVANS & Co., Glyn, Pandy, and Dolywern, have applied for a licence, under the Poisons and Pharmacy Act, 1908, to sell insecticides, sheep-dip, weed-killers, etc.

DEFECTIVE SWEET NITRE.—At Bolton-by-Bowland on September 11, George Clarke was ordered to pay 10*s.* costs towards his prosecution for selling defective sweet spirit of nitre. He has given an undertaking that in future he will only sell the spirit in 1-oz. sealed bottles.

ALFRED DICKSON (37), a colour chemist, in Huddersfield, disappeared on Sunday, April 9, and nothing was heard of him until September 14, when a skeleton was found in a deep pit. The remains of clothing and other articles showed the body to be that of Mr. Dickson, and medical examination proved that the upper part of the neck was fractured, this being due, in the doctor's opinion, to a fall into the pit.

WIGAN GUARDIANS WANTED A DISPENSER for the Billinge Hospital (used as a military hospital). The doctor offered a woman who applied 30*s.* a week, but she wanted 2*l.*, so the matter came before the Board, when the Clerk explained that the Army Council approve of the doctor having a guinea a day and 40*l.* a year towards the expenses of his dispenser, so the Board took time to think over the matter.

MR. POND'S GRIEVANCE.—At the meeting of the Court of Common Council on September 21, at the Guildhall, E.C., Mr. George P. Pond, chemist and druggist, Fleet Street, E.C., petitioned in person for a further contribution towards unforeseen expenses incurred by him in connection with the acquisition for improvement purposes of the premises No. 68 Fleet Street. It was decided that the petition should lie on the table.

OIL ORDERS.—At Old Street Police Court, London, on September 25, Adolph Aschangray, a diamond-merchant, was committed for trial on the charge of obtaining 240*l.* from J. H. Klauser by false representation. It appeared from the evidence that Mr. Klauser was induced to part with the money in order to release bills of lading held by Donald Campbell & Co., brokers, St. Mary Axe, in respect of 20 tons of soya-bean oil.

DOMICILIARY TREATMENT OF TUBERCULOSIS.—The Local Government Board has issued a General Order entitled the "Tuberculosis (Domiciliary Treatment in England) Order, 1916," under the National Insurance Act, which makes regulations regarding the domiciliary treatment by medical practitioners of tuberculous patients. The Order, which comes into force on January 1, 1917, rescinds the provisions of Article II. (3) and (4) of the Order of July 26, 1912, which required a continuous record of the clinical history, etc., of the patient to be kept.

NATIONAL HERB-GROWING ASSOCIATION.—Although the Herb-growing Association, Queen Anne's Chambers, Westminster, was founded only early this year, it now numbers about 2,000 members, and the executive has decided to change the name to National Herb-growing Association. So far the result of the work is that once the present contracts with wholesale and manufacturing chemists are complete, over 100 tons of herbs will have been supplied to cope with the shortage caused in the hospitals and dispensaries by the cessation of imports from Central Europe and the Balkans.

POISONINGS.—During the week the following cases of poisoning have been reported: Nicotine caused the death of a man in Hyde Park. It was stated that he soaked a cigar in nicotine and smoked it with the purpose of committing suicide.—A sailor at Goole died from laudanum-poisoning.—At Chesterfield Hospital, a young woman named Jones was found to have died from lead-poisoning, but there was no evidence to show how the lead was obtained.—Another case of suspected lead-poisoning is reported from Wakefield. The inquest was adjourned for an analysis to be made of the stomach and certain pills.

EARLY CLOSING.—The following decisions have been reported this week: Members of the *Burnley* Chemists' Association are, from October 2, to close at 8.30 P.M. on Monday and Friday; 1 P.M. on Tuesday; 8 P.M. on Wednesday and Thursday; and 9 P.M. on Saturday. *Bradford.*—Closing order confirmed for chemists' shops, Monday, Tuesday, and Thursday 8 P.M., Wednesday 1 P.M., Friday 9 P.M., Saturday 10 P.M. *Bourne.*—Agreement to close Monday, Tuesday, Thursday, and Friday at 6 P.M., Wednesday 1 P.M., Saturday 8 P.M. *Colchester.*—Agreement to close Monday, Tuesday, and Wednesday at 6 P.M., Thursday 1 P.M., Friday 7 P.M., Saturday 8 P.M. *Oldham.*—Braddock & Bagshaw, Ltd., have issued a notice regarding the earlier closing of their premises. *Tenby.*—A meeting of traders is to be held to arrange for earlier closing. The chemists are to be canvassed.

DUMMY TEATS.—A Manchester paper reported on September 25 that Dr. Langerberg, medical officer for Houghton-le-Spring, Durham county, had urged that the importation of dummy teats should be prohibited. A. Clunie & Co. wrote in reply that "These goods in their ultimate state are not, and never have been, imported. Prior to the war the teats were either of British or German manufacture, and the bone or wood fittings came chiefly from France. At the present time the teats are almost entirely English made, though small supplies have been reaching us from America and Japan. For the bone and wood fittings (of which there has lately been extreme scarcity) we still depend almost entirely on France."

GREAVES & Co., Redruth, Chemists.—At a private meeting of the creditors on September 21, it was explained that the estate shows a deficiency of 65*l.* 12*s.* 6*d.* The surviving partner is an assistant engineer in the Nubian Desert, Soudan, and no letters of administration had been taken out by his partner's widow. The meeting decided to attempt to sell the business, subject to the approval of F. W. White & Co., which failing they will call another meeting. The trade creditors include May, Roberts & Co., Ltd., 123*l.*; Southall Bros. & Barclay, 39*l.*; Thos. Hodgkinson, Prestons & King, 11*l.*; Vinolia Co., Ltd., 19*l.*; S. Maw, Son & Sons, 11*l.*; Frederick Stearns & Co., 5*l.*; Yardley & Co., Ltd., 5*l.*; A. De St. Dalmas & Co., Ltd., 8*l.*; Tokalon, Ltd., 5*l.*; Lorimer Marshall, Ltd., 4*l.*

A LARGE THEFT.—At Old Street Police Court, London, on September 23, Henry W. S. Harding (17), who wore the uniform of the Royal Marine Light Infantry, pleaded guilty to stealing 45*l.*, belonging to Johnson & Sons, Ltd., manufacturing chemists, Cross Street, Finsbury. The evidence showed that on July 14, when the accused was in the employ of the firm, he was sent with cheques and Bank of England and Treasury notes to the value of 863*l.* to pay into the bank. This he failed to do, but the cheques were returned to Johnson & Sons in a packet which bore the Hitchen post-mark. The accused now stated that he had acted on impulse, and went to Manchester, where he proposed to cash the notes, but found that they bore the firm's stamp, so he threw them and the Treasury notes away. He then joined the Royal Marines. The Magistrate bound him over and ordered him to pay the prosecutors 5*l.* out of his pay.

MR. D. L. EVANS, chemist and druggist, has removed from No. 44 to more convenient premises, No. 32 Harrington Terrace, Queen's Gate, London, S.W., opposite the Naval and Military Hotel.

Irish News.

Subscribers are invited to send to the Editor newspapers containing matters of trade interest. The items should be indicated.

Council Candidates.

The following are candidates for the Pharmaceutical Council election this year:

Patrick Joseph Burns, Ph.C., 81 Morehampton Road, Dublin.

Jeremiah O'Connor, Ph.C., Castleisland, co. Kerry.

Michael O'Donnell, Ph.C., Castle Street dispensary, Dublin.

Patrick J. Fielding, Ph.C., 66 Patrick Street, Cork.

Michael Ryan, Ph.C., 12 Lower Camden Street, Dublin.

John William Hogan, Ph.C., "Harrymount," 1 Prospect Road, Glasnevin, Dublin.

Martin J. Usher, Ph.C., Skerries, co. Dublin.

Brevities.

A recent return shows that there are twenty-one chemists' shops in Cork. The population is about 80,000.

Second-Lieutenant W. S. Maitland, Royal Irish Rifles, who has been awarded the Military Cross, is well known to the trade as the North of Ireland representative of Lever Bros., Ltd.

Business premises in Newry Street, Kilkeel, were destroyed by fire on September 21. The alarm was given by Mr. R. McBirney, druggist, who lives on the opposite side of the street.

Several thousand pounds damage was done by a fire at Goulding & Co.'s chemical and manure works at Lisabally, near Derry, on September 23. A number of acid-tanks collapsed, flooding a portion of the premises.

Mr. F. T. Smith, registered druggist, Medical Hall, Antrim, has been appointed a Magistrate for the county of Antrim. Mr. Smith is Chairman of Antrim Town Commissioners, also Chairman of Antrim Recruiting Committee, and a member of the Naval and Military War Pensions Committee. He takes an active interest in Y.M.C.A. work among the soldiers.

The question of returned empties at the various ports has been giving a good deal of worry to Irish chemists. The ordinary steamers have little or no room for these empties, but it is suggested that some of the colliers that visit the ports can be employed on their return journeys in the carrying of empties to England, and thus relieve the pressure of the regular cross-Channel steamers.

Scottish News.

Subscribers are invited to send to the Editor newspapers containing matters of trade interest. The items should be indicated.

Aberdeen.

The newspaper discussion on the excessive-prescribing question has been rather interesting, although it has led to nothing.

Mr. John Black, chemist and druggist, Rosemount Place, has been nominated for a Council vacancy on the Woodside Ward.

A female apprentice to Mr. George McKay, chemist and druggist, Mounthooly, was preparing a mixture of turpentine and beeswax on September 20 when it ignited, and her hair and clothing were set on fire. She ran outside, and a woman gave her a shawl, which she wrapped round her head and shoulders and extinguished the flames. Her injuries consisted of slight burns on the right shoulder and arm and the crown of the head.

Dundee.

The autumn holiday will be observed on Monday, October 2. It is expected that chemists and druggists will close on that occasion.

Montrose chemists are closing on and after Monday, October 2, at 7 P.M., but on Wednesdays at 1 P.M. and Saturdays at 9 P.M. as at present.

Cupar Fife Baptist Church, founded one hundred years ago by Jonathan Watson, a druggist, who came from Montrose to settle there, has been celebrating its centenary this week.

Earlier closing of shops is to be adopted by many shopkeepers from October onwards as a result of the strict application of the darkening order. No doubt chemists will follow this example.

Edinburgh.

Lieutenant C. H. Jardine, Royal Scots, has again been wounded, and is now in a London hospital.

Business during September has been excellent, which seems to promise well for the coming winter.

A local chemist, who has three sons in the Army, has had the youngest sent home, the authorities having discovered that the youth, after several months' service, is not much over sixteen years of age.

Mr. James Paton, first assistant, Mid-Lothian Insurance Committee, has been appointed Clerk and Treasurer, in place of Mr. R. T. Wishart, who recently secured the clerkship of the Edinburgh Insurance Committee.

A meeting of chemists was held on Tuesday evening to discuss the earlier-closing business. It is understood that a letter was sent to the Home Secretary, asking that chemists be included in the list of those whose premises must be closed at 7 P.M.

Fife.

A conference took place in Kirkcaldy on Friday, September 22, between representatives of the miners and the Fife colliery surgeons as to the question of medical fees with and without medicines. Mr. W. Adamson, M.P., made certain proposals, which were rejected, and no settlement was come to. Considerable feeling exists in mining circles because 3*d*. per week is still being deducted from miners' pay, and Medical Benefit has ceased, while attendance is paid for at private rates.

A charge of over-prescribing was submitted by the Commissioners to Kirkcaldy Insurance Committee. The Panel Committee replied that there was no over-prescribing, and objected to the removal of any drugs from the Tariff. The Commissioners now in a further letter state that the Panel Committee's report should be rejected as inadequate, and should not be accepted as a reasonable explanation of the position; further that the Panel Committee should apply themselves properly to the situation. It will be remembered that the Panel Committee alleged that the high cost of drugs was the reason for overcharge, if any.

Glasgow and the West.

Ayr and district chemists have decided to close at 7 P.M. on week-days, and 9 P.M. on Saturday, on and after October 2.

Private Lachlan McKinnon, who joined the Army in January, three weeks after passing the Minor examination, is missing. He was formerly an assistant with Mr. McKinnon, Govan.

Uncertainty pervades the minds of chemists and druggists as to the provisions of the rumoured early-closing order to come into force on October 2, especially in districts where the dispensing is heaviest in the evenings. The lighting restrictions also are causing anxiety, as the enforced darkness in shops is apt to lead to mistakes.

The managers of Glasgow Royal Infirmary have just published a forty-page illustrated booklet on the work and history of the institution, designed to educate the public to the great and good work carried on. The frontispiece is a portrait of the late Lord Lister. Each section of the infirmary is fully described, including the dispensary. Notes of interest are: Over eight hundred ailing visitors are daily attended by a staff of more than three hundred men and women; at the outdoor dispensary where "repairs go on while you wait," 23,743 patients were prescribed and dispensed for during the year. Over 76,000 attendances are yearly recorded at the dispensary. Founded in 1792, it was reconstructed in 1912, and now is one of the best-equipped institutions in Britain.

Minor Examination Results.

We have received from the Registrar of the Pharmaceutical Society of Great Britain the following list of persons who were granted Minor certificates at the recent examination held in London:

Armitage, N., Preston
Barker, Helen D., Cricklewood
Bishop, H., Chester
Bloom, A., Merthyr Tydvil
Bradley, G. R., Bolton
Brierley, W., Rochdale
Campbell, Isabella, Sunderland
Davidson, J. L., Blackheath
Hart, J. S., Bolton
Haworth, J. P., Accrington
Holmes, Ernest, Manchester
James, E. W., Mountain Ash
Nicholson, J. R. L., Stockton on-Tees
Pye, A. Margaret, Burton-on-Trent
Smith, O. C., Surbiton
Spedding, C. P., Manchester
Wain, F., Buxton
Williams, T. L., Pontypridd
Wood, W. A., Boston
Yates, F., Horwich

Legal Reports.

A Sundries Order.—In the City of London Court, before Mr. Assistant Registrar Tattershall, on September 27, Barclay & Sons, Ltd., 95 Farringdon Street, E.C., sued Mr. R. E. W. Parker, chemist and druggist, Coventry, for 1*l.* 15*s.* 4*d.*, balance of account for goods supplied. Mr. Courtenay Croome appeared for the plaintiffs, and the defendant conducted his case in person. From the defendant's statements and evidence by plaintiffs' witnesses, it appeared that the defendant had a running account with the plaintiffs, and he claimed discount. He also alleged that three dozen of 4-oz. bottles of glycerin contained only 2¾ oz. each (by weight), and that six dozen of glycerin and rose-water had gone mouldy. Mr. Croome explained the conditions under which discount is given, and the Assistant Registrar said he was against the defendant upon the question of discount, but if he adjourned the case in order to allow the defendant to bring up the bottles of stuff he complained of, and for the plaintiffs to bring up their traveller, that all meant further expense, and he thought it was a case in which the parties should settle between themselves. Mr. Croome said if the defendant had brought his complaint before the plaintiffs promptly instead of ten months after it would have been settled. Evidence was then given to the effect that it is the custom in the wholesale trade to supply packed glycerin by weight, the 4-oz. bottle holding about 3 oz. Defendant queried this. Then followed evidence in regard to the glycerin and rose-water, Plaintiffs' witness said it always went "ropy" after being kept for some time, and he would repudiate responsibility after three or four months, to which defendant replied, "I have been in the trade twenty years, and I have not seen glycerin and rose-water go like that, and it does not smell of rose-water." The Assistant Registrar, after hearing further evidence, said he was of opinion that the defendant was entitled to an allowance of 10*s.* He asked whether the plaintiffs would be willing to allow the defendant 15*s.* 4*d.* and take judgment for 1*l.* Defendant was willing to accede to this, providing there were no costs. The Assistant Registrar said he would give judgment for the plaintiffs for 1*l.*, and allow 5*s.*, the cost of one witness. If the defendant was not satisfied he could take the matter before the Judge. An order was made for the defendant to pay within fourteen days.

A Quinine Mixture.—Before the Magistrates at Leighton Buzzard on September 26, Horace E. Herington, chemist and druggist, Leighton Buzzard, was summoned under the Sale of Food and Drugs Act, 1875, Section 7, for selling on June 9 a drug which was not compounded of ingredients in accordance with the demand of the purchaser. Mr. W. W. Marks, Clerk of the Peace for Bedfordshire, prosecuted, and Mr. C. H. Kirby (Neve, Beck & Kirby) defended. When the case came before the Court on August 1 Mr. Kirby asked the Magistrates to send the reserve sample to the Government laboratory. Mr. Marks now stated that the prescription was:

Sulphate of iron	12 grains
Bisulphate of quinine	24 grains
Dilute sulphuric acid	2 drachms
Water to	6 oz.

Dose: One tablespoonful thrice daily, after meals.

Inspector James took the prescription and divided the mixture into three parts, of which one was sent to Mr. J. Kear Colwell, F.I.C., public analyst for the county, who certified a deficiency of 37.5 per cent. in bisulphate of quinine, and the Government analysts certified that the portion they received contained only 12 per cent. deficiency. The defendant's portion had been analysed by Mr. Thomas Tickle, F.I.C., public analyst for Exeter, who reported a deficiency of 12.5 per cent. This, Mr. Marks argued, showed a 20 per cent. deficiency on the whole bottleful. Inspector James, in evidence, corroborated this statement as far as his acts went. Mr. Colwell said he had checked his analysis since he had heard that a sample had been analysed by Mr. Tickle for the defendant and by Somerset House, and that check had confirmed his previous analysis. The difference, he believed, was explained by the portion of the sample he analysed being taken from the top of the bottle before the ingredients were properly mixed. The average deficiency in the three parts was probably 20 per cent. Dr. H. R. Kenwood, M.O.H. for the county (now a colonel in the R.A.M.C.), who wrote the prescription, said he did not suggest that the slight deficiency would have had any serious result on a patient, but in more potent drugs such a deficiency might be serious. In cross-examination he agreed with Mr. Kirby that the sulphuric acid in the prescription would dissolve the quinine very rapidly. For the defence, Mr. Kirby admitted a deficiency of 12 per cent., and no more, and said that if the Magistrates admitted the suggestion of Mr. Colwell, they would destroy all the checks provided by the Act of Parliament. The deficiency arose in this way: Quinine bisulphate was rarely prescribed by the doctors in the Leighton Buzzard district, and in dispensing the defendant used eight 3-grain tabloids made by Burroughs Wellcome & Co. Unfortunately the tabloids had since been found not to be of quite full strength, and he asked the Magistrates to decide that it was merely a technical offence. Dr. Johnstone Harris, J.P., stated that ordinary sulphate is more commonly used locally than the bisulphate, and had he been preparing the prescription he would have used the tabloids from a firm of the reputation of Burroughs Wellcome with every confidence. The defendant said he had never known a local doctor order quinine bisulphate, and that accounted for his not having the quinine in powder form. The price of quinine had nothing to do with the deficiency, and he honestly believed the quantity dispensed was correct until the contrary had been ascertained. Mr. Bateson, the assistant who dispensed the mixture, also gave evidence. After considering the matter privately, the Magistrates fined the defendant 5*l.*, with 12*l.* 5*s.* 3*d.* costs.

Boric Ointment.—The hearing was resumed, before Mr. Hedderwick, at the North London Police Court, on September 23, of the boric-ointment cases, the first part of which was reported in the *C. & D.*, July 22, p. 37. In one Mr. H. P. Everett, chemist and druggist, 59 Southgate Road, Islington, was summoned, under Section 6 of the Sale of Food and Drugs Act, 1875, for selling, on May 23, boric-acid ointment 16.7 per cent. deficient in boric acid. Mr. W. Felton, chemist and druggist, of 253 Balls Pond Road, was also summoned for selling a similar ointment 12.7 per cent. deficient in boric acid. J. H Crispe and W. E. Gower, trading as Butler & Crispe, 80 and 82 Clerkenwell Road, E.C., were now summoned for giving Mr. Everett a warranty falsely representing that the ointment was compounded according to the British Pharmacopœia. There was a similar summons against Butler & Crispe in Mr. Felton's case also. Mr. A. M. Bramall appeared in support of the summonses; Mr. Kirby represented all the defendants. Mr. Everett's case was taken first, and Mr. Bramall pointed out that on July 14, when the summons came before the Court, a warranty was set up on Mr. Everett's behalf and proved. The summons was adjourned so that proceedings might be taken against Butler & Crispe. Mr. Kirby: I have proved my warranty, and the defendant is entitled to the dismissal of the summons. Mr. Hedderwick agreed, but Mr. Bramall asked to be heard on the matter. The Magistrate, however, dismissed the summons. Mr. Kirby then stated that Butler & Crispe were in the same position, they not being the manufacturers, and they had a warranty from the persons from whom they purchased. Mr. Felton's case was then taken. Mr. Kirby reminded the Court that the third sample in this case had been sent to the Government laboratory, and it was found there that the sample contained 11.20 per cent. of boric acid. Mr. Bramall said the compound had not been properly mixed; the second sample contained 10.49 per cent. of boric acid. Mr. Hedderwick: Taken altogether there would be about 10 per cent. of boric acid. But we know that chemists differ, as do other experts. There is a case on record of forty samples being sent to forty different chemists, and all produced varying results. Yet the chemist still flourishes his pestle. You have appealed to Cæsar in the shape of the analyst at Somerset House, and I am bound by his decision. Some discussion followed, and ultimately the Magistrate dismissed the summons against Mr. Felton, as also the case against Butler & Crispe relating to the sale to him. On the remaining summons against Butler & Crispe, Mr. Kirby raised an objection to the summons, which the Magistrate overruled, but on the point as to whether it is necessary that the analyst's certificate should accompany the summons Mr. Kirby quoted Section 19 of the 1899 Act, in which it is laid down that in *any* prosecution under the Act the summons must be served with a copy of the analyst's certificate obtained by the prosecution. He said the point was discussed in Haynes *v.* Davies (1915 K.B., p. 332), a milk case, and reference was made to Grimble *v.* Preston, Mr. Kirby reading the case as reported in 1914 K.B., p. 270, and submitted that it clearly showed that the certificate must be served in every prosecution under the Act, and that unless the informality was waived it was fatal. Mr. Bramall confessed that the point was new to him. Mr. Hedderwick then dismissed this summons also, and declined to state a case.

New Companies
and Company News.

P.C. means Private Company and R.O. Registered Office.

ALL BRITISH TOYS, LTD. (P.C.).—Capital 600*l*. Takes power to deal in druggists' supplies.

JESSE WILLIAMS, LTD. (P.C.).—Capital 1,000*l*. Objects: To carry on the business of chemists, druggists, drysalters, etc. The first directors are W. J. Williams, Ph.C., Miss E. B. Williams, and Mrs. M. M. Williams. R.O., Headfield Road, Savile Town, Dewsbury.

LILAC CHEMICAL CO., LTD. (P.C.). — Capital 1,000*l*. Objects: To carry on the business of chemical manufacturers and dealers in pharmaceutical and medicinal chemicals, etc. The subscribers and first directors are C. H. Beevers and H. W. Watson. R.O., Lilac Street, Regent Street, Leeds.

LIVERPOOL SALICYLIC CO., LTD. (P.C.).—Capital 5,000*l*. Objects: To carry on the business of manufacturers of and dealers in salicylic acid and its derivatives, chemists, druggists, etc. The first directors are H. Higgins, W. R. Brown, B. M. Hanner, and C. J. Doyle. R.O., 24 North John Street, Liverpool.

SAUNDERS BROS. & CO., LTD. (P.C.).—Capital 10,000*l*. Objects: To take over the business of Saunders Bros. & Co., chemical manufacturers, etc., 55 Victoria Street, Westminster, and Chemical-works, Greenford, Middlesex. The subscribers are F. E. Still and A. McCulloch. R.O., 55 Victoria Street, S.W.

DAVID P. HENDERSON & SON, LTD. (P.C.).—Capital 1,000*l*. Objects: To adopt an agreement with G. W. Green, and to carry on the business of, *inter alios*, dealers in pharmaceutical, medicinal, chemical, etc., preparations. G. W. Green and W. F. Macdonald are subscribers and first directors. R.O., 20 Bucklersbury, E.C.

PROSSERS, LTD. (P.C.).—Capital 1,000*l*. Objects: To take over the business of a dispensing chemist, druggist, and pharmacist carried on by Martha J. Prosser at 5 Bolton Road, Walkden, Lancs, as "M. J. Prosser" or "Prosser's." The first directors are Mrs. M. J. Prosser, W. Rawlinson, R. M. Prosser, and F. A. Storey. R.O., 5 Bolton Road, Walkden, near Manchester.

Births.

STAUNTON.—At the Medical Hall, Ballinrobe, on September 19, the wife of E. P. Staunton, of a daughter.

HUTTON.—At Gowan Brae, Brechin, on September 23, the wife of John Hutton, chemist and druggist, of a son.

Marriages.

ADAMS—BLAKE.—At Kingsbridge, Devon, on September 26, Sergeant E. C. Adams, R.A.M.C. [chemist and druggist], to Elsie, daughter of the late W. H. Blake, Kingsbridge.

GRAY—CANTLEY.—At the Imperial Hotel, Aberdeen, on September 21, Wm. Gray, chemist and druggist, London, to Barbara, daughter of Mr. Robert Cantley, 21 Affleck Street, Aberdeen.

Deaths.

BATLIWALLA.—We learn by recent mail that Dr. H. L. Batliwalla, Bombay, died on July 14. He was one of the most successful business men in the Indian drug-trade, and he had sons associated with him in the business, which they are continuing.

BEST.—At Portsmouth, recently, Mr. Geo. Best, chemist and druggist, Newcombe, North End, who was in business when the Pharmacy Act passed, and was also for many years in business at Bondgate and Skinnergate, Darlington, where he was Secretary of the Darlington Naturalists' Society.

BLACKBURN.—At Abbey Gardens, Southport, recently, Mr. Samuel Blackburn, aged seventy-six. Deceased formerly carried on business as a druggist at Bradford.

DAVIDSON.—At Airlie Cottage, Kilmarnock, on September 24, Mr. Alexander Davidson, retired chemist, aged eighty-one.

DEWSNAP.—At Main Street, Greasborough, Rotherham, recently, Mr. Frederick John Dewsnap, chemist and druggist, aged eighty. For thirty-eight years Mr. Dewsnap filled the office of Inspector of Nuisances, but was previously in business on his own account.

EVANS.—At Mortimer House, 2 Church Street, Cleobury Mortimer, on September 16, Mr. Edwin Easthope Evans, chemist and druggist, aged sixty-eight.

HAY.—At Nether Boreland, Lockerbie, on September 9, Mr. Thomas Hamilton Hay, chemist and druggist, aged thirty-five.

KEATS.—At 1 Manor Lane Terrace, Lee, London, S.E., Mr. George Keats, chemist and druggist, aged seventy-four.

LUNN.—At his residence Stephenson Terrace, Worcester, on September 22, Mr. Thomas Lunn, chemist and druggist, Worcester, aged sixty-four. Mr. Lunn served his apprenticeship to Mr. Witherington, chemist, of Foregate Street, Worcester, and subsequently took over that business about forty years ago. Later he moved to the Tything, in the heart of a big residential district. In his younger days he was an enthusiastic oarsman, and won many prizes. He also frequently rode to hounds. He leaves a widow, three sons, and two daughters, his eldest son, Mr. T. Lunn, chemist and druggist, being his successor. The funeral, which took place at Worcester on September 26, was largely attended. In addition to family mourners there were representatives present from the Worcester City and County Pharmacists' Association (Alderman J. A. Stewart, J.P., Messrs. A. E. Coverdale, F. G. Acton, D. G. Pont, F. Turner, and W. J. Thompson).

SANDERSON.—At Leatherhead, suddenly, on September 23, Mr. John Cornelius Sanderson, of 6 Bina Gardens, South Kensington, London, S.W., aged seventy-six. The late Mr. Sanderson was the founder of the firm of Sanderson & Co., 37 Mincing Lane, E.C., Colonial produce-brokers.

SUTTLEY.—At Brighton, on September 23, Mr Benjamin Suttley, managing director of Suttley & Silverlock, Ltd., Blackfriars Road, London, S.E., aged fifty-five. Mr. Suttley had gone to Brighton a month before his death, and had been living in Kemp Town. He went out with a friend on the Saturday evening, when he had a heart-seizure, from which he did not recover. An inquest being necessary, it was found that Mr. Suttley had been suffering from acute congestion of the lungs, which, with an enlarged heart, was ascertained to be the cause of death.

Died on Service.

BRINDLE.—Previously reported wounded and missing at the Dardanelles, June 28, 1915, now officially presumed killed, Private Tom Templeton Brindle, 1/4th Royal Scots, A Company, second son of Mr. Edward Brindle, chemist and druggist, aged nineteen.

BULLARD.—Private Geo. Bullard, Royal Army Medical Corps, who enlisted while an apprentice with Mr. E. A. Morgan, chemist and druggist, of Royston (Herts), has died in Bengal while on active service. He had been in Bengal for only a month.

COULL.—Corporal Stewart McLeod Coull, Royal Scots, youngest son of Dr. George Coull, Ph.C., Smith's Place House, Leith, has been killed in action. Before the war he was qualifying as a C.A.

LEE.—Mr. Leonard Lee, chemist and druggist, Whitchurch, Salop, has received notification that his two sons, Lieutenant Lee, aged twenty, and Lieutenant Arthur Lee, aged nineteen, of the Shropshire Regiment, have fallen in action.

PARCELL.—Private J. F. Parcell, Herts Regiment, who has been killed by a shell, enlisted while with the Timothy White Co., Ltd., at Hitchin, and went to the Front in July 1915.

POOLE.—Corporal Robert Poole, who prior to enlisting in the Royal Engineers was employed as a chemist's assistant with Mr. James Duncanson, Port Street, Stirling, has died while serving with the Forces.

RAINBIRD.—Killed in action, Lance-Corporal Norman Rainbird, of the West Riding Regiment, a former employé of Needhams, Ltd., chemists, Huddersfield.

WILLIAMSON.—Killed in action, Barry Williamson, only son of Mr. and Mrs. D. A. Williamson, Durban, and grandson of Mr. W. H. Williamson, chemist and druggist, and Mrs. Williamson, Wilmslow, aged nineteen.

WYLEY.—Lieutenant William Reginald Fitzthomas Wyley, R.F.A., only son of Colonel and Mrs. Wyley, The Charterhouse, Coventry, was killed in action on September 19, aged twenty-four. He was educated at Dunchurch Hall, Rugby, and Balliol College, Oxford, joined the Howitzer Brigade of the Royal Field Artillery in November 1914, and rose to the rank of Adjutant of the 240th Brigade. Sympathetic reference was made to the loss at a meeting of the Coventry Military Tribunal on September 22, and condolence with his parents was expressed.

Trade Notes.

Thymol is made by Bengal Chemical and Pharmaceutical Works, Ltd., Calcutta, who will furnish quotations on request.

Kemp's Vulcanizing Depot, 19 Hardman Street, Manchester, have commenced the manufacture of indiarubber sponges.

"The House for Own-name Goods" is an appropriate phrase used by Goodall, Backhouse & Co., White Horse Street, Leeds, in their advertisement this week.

The Eau de Cologne offered by C. W. Johnson & Co., 38 Great Ormond Street, London, W.C., and Honoré Payan, Grasse, is not of German origin. See the announcement by the firms in this issue.

The "Sign" of the Times is one that the retailer can make for himself every day, or oftener if he desires. The Quick Change (Loose Letter) Sign Co., 5 Clerkenwell Road, London, E.C., describe it in their advertisement this week.

Plasmon, Ltd., Farringdon Street, London, E.C., who are giving an extra bonus of 5 per cent. on orders booked in September, remind our readers that they should order at once. We may mention that every share in the company is British held.

Packing for Goods is one of the problems of the day, as the old-style materials are difficult to get. Thames Paper Co., Ltd., Purfleet, Essex, have something very much better in the Fiberite packing-case, which saves space and carriage and accords with railway regulations. They are also manufacturers of board for box-making. Write to them for further particulars.

Vitamogen, the tonic-food manufactured by Williams & Co., 24 Holborn, London, E.C., has, in consequence of adoption of more suitable machinery and new methods of manufacture, been improved as regards solubility and taste. The feature of Vitamogen is its richness in vitamines, containing organic phosphorus with proteins and carbohydrates necessary for growth and nutrition.

Directory of British Manufacturers for Russian Trade.—A second edition of this useful publication is being prepared for press, and manufacturers desiring their names to appear in the classified section should communicate with the publishers, the Russo-British Trade Exchange, Ltd., 16 Regent Street, London, S.W. The Directory is printed in the Russian language, and is circulated throughout Russia.

Medicated Soaps.—Chas. Midgley, Ltd., manufacturing chemists, 4 Exchange Street, Manchester, have produced a new price-list of the medicated soaps in the manufacture of which they are specialists. This list is of a larger size than the previous edition, and contains particulars of about 100 varieties of medicated soaps. Chemists with a connection among dermatologists should specially note this publication.

Book Almanacks.—Cassell & Co., Ltd. (Almanack Department), La Belle Sauvage, London, E.C., offer to send specimens and full particulars of a range of book-almanacks suitable for distribution by chemists. There are nine varieties, each with some special feature. No. 1, for example, gives illustrations on each page of the national services rendered by women in war-time. A special offer is made to supply chemists with 1,000 almanacks bound complete, the front page devoted to the chemist's own advertisement, for 35*s*.

White Cross Trade-mark.—Since the Army Council, acting under the Geneva Convention Act, stopped the use of the Red Cross in trading, Shirley Brothers, Ltd., Whitecross Works, Rockingham Street, S.E., find that some traders use a white cross instead. This is illegal, for a white cross is their registered trade-mark in Classes 3, 11, 42, and 48, which practically cover all drug-trade goods. Shirley Bros., Ltd., believe that the white cross has been used in ignorance, and we feel sure that the trade will honourably support Shirley Bros., Ltd., in their effort to sustain their rights.

P.A.T.A. List.—During September the Proprietary Articles Trade Association added the following to the protected list: Allenburys' bynogen, dormigene and sauerin tablets and liquid culture; The British Drug Houses' Dermogen soap (special and ordinary), shaving-sticks and dusting-powder; Christy's frozen brilliantine; Cleaver's Juvenia toilet-soap, carbolic acid and glycerin soap, astringent tooth-paste. Cutolia shaving-sticks, hair-wash, F.S.C., extract of bay rum (9-oz.), and lime-cream (two sizes); Evans' antiseptic baby-powder; Maddock's old English pot-pourri sachets; Mobon liniment (two sizes); Prosser's "Quick-cure" specialities, and Yardley's dental powder.

Munitions Holidays.—F. Schutze & Co., Ltd., Market Road, Caledonian Road, London, N., and Fairchild Brothers & Foster, Albert Chambers, Holborn Viaduct, London, E.C., inform us that they are closing on Monday and Tuesday, October 2 and 3. The result of our inquiries in regard to this matter is that the wholesale and manufacturing houses in London are not closing as a rule, and business will be carried on as usual at the beginning of next week. This applies to the following, who have so informed us: Stafford Allen & Sons, Ltd., Baiss Brothers & Co., Ltd., The British Drug Houses, Ltd., Burgoyne, Burbidges & Co., Ltd., Burroughs Wellcome & Co., Thomas Christy & Co., C. J. Hewlett & Son, Ltd., May, Roberts & Co., Ltd., T. Morson & Son, F. Newbery & Sons, Ltd., Parke, Davis & Co., Sangers, T. & H. Smith, Ltd., W. Toogood, Ltd., and Wright, Layman & Umney, Ltd.

Winter Specialities.—Francis Newbery & Sons, Ltd., Charterhouse Square, London, E.C., are fortunate in introducing at the beginning of autumn a series of preparations put up ready for retail which deserve the attention of buyers. As examples we may mention cold-cream and camphor ice, which are put up in prettily illuminated tin boxes, and allied to these camphor and eucalyptus ice also packed in a pretty box. In this case the preparation is a hard cerate wrapped so as to be used as a block. These are attractive and good articles that the chemist may make his own specialities. Another good line is Winter Cream put up in white pots with scarlet lids and well finished. The cream is of the casein type, and is quite attractive, being subtly perfumed, and it is emollient to the skin. Chillie paste is put up in 2-oz. bottles with screw-lids, and there is a Lightning Household Embrocation in 4-oz. bottles which deserves attention. The series also includes menthol snuff of the Wenbery brand in small boxes for the waistcoat-pocket. Buyers can obtain further particulars from Messrs. Newbery if desired.

"Look at the Map," said the German Chancellor some time ago, and the changes that the Allies have made this week by driving the Germans away from some more parts of France certainly make us look more than he bargained for. In this connection Burroughs Wellcome & Co. are timely in their map of enemy monopolies which is printed elsewhere in this issue. It will be noted that atropine, pilocarpine, photographic chemicals, glycerophosphates, eserine, homatropine, salicylates, aspirin, kharsivan, hexamine, phenacetin, and benzamine salts are some of the strongholds that Burroughs Wellcome & Co. have seized. The firm call this an important British advance, which it certainly is, and they append the following statement to the map:

> The above map shows, approximately, the present line held by a powerful British force—Burroughs Wellcome & Co. Highly organised and scientifically equipped, this force has continued to gain ground against deeply entrenched enemy monopolies ever since the outbreak of war. Some of the most important enemy strongholds in the chemical field have already been captured. It will be recognised that this rapid progress is largely due to a state of exceptional preparedness, and to a perfect knowledge of the territory acquired from the high ground around Research Pass.

We daresay that the Burroughs Wellcome & Co. line, like Haig's, has advanced, and that other enemy strongholds have been secured, but B. W. & Co. are not in the habit of saying anything until the consolidation is complete.

India and the East.

(From the "C. & D." Correspondents.)

Enemy Firms Liquidated.—The name of Theodore Franz Wilhelm Achenwall, formerly carrying on the business of a chemist and druggist, also trading in cameras, etc., at Commercial Buildings, Lucknow, appears in a list of hostile firms in the North-West Provinces ordered to be wound-up.

Bengal Chemical and Pharmaceutical Works, Ltd.—The report for the Bengali year ended 31st Chaitra 1322 (April 13, 1916) states that the directors propose to pay a dividend of 8 per cent., free of income-tax, which compares with 7 per cent. for several years past. The company have been producing magnesium sulphate and nitric acid by "hundreds of tons."

Enemy Firms in Bombay.—A notification in the "Gazette of India" dated August 26, indicates that the Governor-General in Council has ordered the winding-up of fifty enemy businesses in Bombay, and all proceedings in the winding-up are to be transferred to the Government of Bombay. Among them are eight firms connected with the chemical, drug, and dye trades, mentioned in the *C. & D.*, September 11, 1915 (p. 43).

Observations and Reflections.

By Xrayser II.

"Approximately £25"

is the amount of errors reported to have been detected by the Central Checking Bureau in the pricing of prescriptions from the London area for the month of January. I do not at the moment remember what this check is estimated to cost London pharmacists, but unless I am gravely mistaken the game is not worth the candle. Checking is doubtless desirable, but it is possible to pay too much for it, and although this particular check may be excellent business for the Society it bids fair to leave the pharmacist in the position of "Lucky Johnnie Brown, Who picked up a shilling and dropt half-a-crown."

A Fortnight

appears to be considered by the Commissioners a sufficiently long time in which to make up our minds with respect to new agreements for 1917. Obviously this throws the onus of decision upon the individual pharmacist. Each man will have to decide for himself, with scant opportunity for conference with his neighbours, and there will be no time to arrive at a general consent of the whole pharmaceutical body. I gather that the proposed variations are not very important to us, and the Pharmaceutical Committees may receive them in time to give us a little more than the fortnight for their consideration, but the whole business is being engineered in such a way as to arouse suspicion that we are again to be hurried into taking an irrevocable step. We must not allow this to happen. The Society ought to let the Commissioners know that unless time is given us for a deliberate and common decision it cannot answer for the consequences; and if the Society will not do this we must repudiate its leadership. There have in some quarters been hints that the leaders of the Society are playing into the Commissioners' hands.

Sir Lauder Brunton

was rich in years, honours, and respect, and I doubt not had the consciousness that he had completed his life's work. He had been ill for some considerable time, and I believe it is true that he knew the illness was irremediable, and he waited, resigned and composed, for the inevitable end. Lauder Brunton's career is a good example of what indomitable industry can accomplish. I do not think that anyone will claim that he was a genius, save in the sense that a genius is one who possesses an infinite capacity for taking pains. He had this capacity in a marked degree; indeed, he represented the patient, plodding, hard-working, conscientious Scot at his very best. I knew Lauder Brunton personally, perhaps as intimately as an ordinary pharmacist can know a distinguished specialist—intimately enough, at any rate, to criticise his prescriptions and make suggestions. On one occasion I took him to task for prescribing a proprietary preparation containing ingredients in quite common use in every pharmacy. He took the admonition in good part, but with the twinkle in the eye that was characteristic of him he replied, "You know, I have confidence in the firm, and they *do* put up their drugs so nicely"! What more could I say?

In the Consulting-room

Sir Lauder Brunton was distinguished by the meticulous care with which he made a diagnosis, his intimate pathological and therapeutical knowledge, his kindly, human heart, and, above all, his evident sincerity. I have often advised my friends to consult him, and no one ever consulted him without getting an honest opinion. If he considered that another specialist could treat the patient better than himself he said so, and I know that frequently in such cases he refused any fee. Of recent years, particularly since he received his baronetcy, he had a very large practice. I remember him once telling me, in as cynical a manner as such a kind-hearted man could assume, how strange it was that the moment he was made a baronet people flocked to him who would never have asked his opinion while he was only a knight, and that he had to put up his fees, not because he needed money or wanted it, but simply as a measure of self-defence! He was a worthy man, even if he was of the old school, and his record is worthy of his pure and high-souled character.

The "Restless Gossameres"

on the hedges by the roadside remind me, this misty September morning, of Reaumur's attempt to establish an industry in spider's silk in rivalry with that of the silkworm, and of the old use of spiders' webs, and of the spider too, in medicine. The creature itself was not official with us, but in spite of its reputedly poisonous nature it was used in various ways in popular practice—as, for instance, as an application to the wrist, or as an amulet hung round the neck, in certain fevers; or, again, in a fricassee of eggs and vinegar, as a cold application to the navel, to expel wind.

The Compulsory Early Closing of Shops

is evidently coming. Whether pharmacies are included or not in the scope of the measure when it comes, I hope pharmacists will close along with other tradesmen. Except for dispensing and the supply of appliances there is no reason why they should not, and these necessary purposes could be provided for, as they already are, without depriving us altogether of the boon of greater leisure. The members of the staff could be relieved by turns, where there is any "staff," and the single-handed pharmacist would be at liberty to give the last hour or so of his day to the work which really demands undistracted attention. I was sorry to read that the chemists of Glasgow took no part in the arrangement made for early closing in that city, and it would be a mistake for us as a body to claim exemption from such an order as is now contemplated.

The Two Octogenarians

Messrs. William Allan and James MacKenzie are to be warmly congratulated on the good fortune that has enabled them, with their friend Mr. Reid, to meet at the same spot where they parted sixty-one years ago. May they still remain the young-old men that I know them to be, and may they have the pleasure of renewing their old friendship by many more such meetings! I have met Mr. MacKenzie in London, and I think I have spoken to Mr. Allan at one or other of the British Pharmaceutical Conferences, and if I had been asked to name their ages I should have said something a good deal short of eighty. Mr. MacKenzie has all his life been a strenuous fighter, and I shall be surprised if history does not prove that in most causes he has fought on the right side. May his bow long abide in strength!

Information Department.

INFORMATION WANTED.

Postal or telephone information with respect to makers or first-hand suppliers of the undermentioned articles will be appreciated

84/53. Sir Joseph Bartlett's treatment for catarrh (Kumerol Laboratories)
87/26. "Agmel" (Mase & Partners): suppliers.
81/69. Chlorophyll soluble in oil.
83/55. Betaform.
76/4. Dr. Wilson's "Flower of Honey" hair-wash.
79/48. "Mirmalid."
88/53. Clover-leaf tube pointers (*x*-ray bulbs), made by Green & Bauer, Hartford, Conn., U.S.A.: agents.

INFORMATION SUPPLIED.

Inquiries regarding the following articles have been answered. The information as to supply will be given to others who send a stamped, addressed envelope to the Information Department, The Chemist and Druggist, 42 Cannon Street, London, E.C.:

Compressing machinery, 76/55
Crookes' collosols, 63/48
"Cystazol," 82/27
Dinneford's fluid magnesia, 85/21
"Figsen," 74/30
Gillette safety razors, 67/72
"Iodatol," 81/1
Iron jelloids, 64/73
Morgan's "Red Cross" pomade, 58/6
Murray's ozonised snuff, 57/32
Tablet-machinery, 74/17 and 88/53

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"Sanitas Formitas Outfits."
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Editorial Articles.

Insurance Dispensing Problems.

As the time draws near for the resumption, or otherwise, of dispensing contracts, points for settlement seem to grow in number. Uncertainty is increasing among individuals, but we find that there is a steadier feeling in what may be called administrative circles. The Pharmaceutical Society is still negotiating with the Insurance Commissioners, as Mr. Charles Roberts has explained (see p. 47), and we find in some quarters that better terms are expected for next year. In certain respects the Commissioners are better informed to-day than they have ever been before in regard to the nature of the chemists' work; for the system of pricing prescriptions now used was their creation, and although the work has been delegated by them they are well aware of what is being done. We may recall the fact that in the Departmental Committee's Report of a year ago a ready-reckoner system of prescription-pricing was recommended. About that time there was somewhere in London a private bureau where people with pharmaceutical and official experience worked at the solution of various things connected with pricing. The work done in this place helped the Government folk to decide what system of checking should be adopted (the Committee had suggested two), and soon the bureau system of pricing by the ready-reckoner method was started throughout England and Wales, only a few districts standing out. Now that the year is drawing to an end nobody can declare with certainty that the scheme is a success. At all events, it is not so successful as the Scottish bureau is, so that the Departmental Committee's alternative method is attracting attention. This method was explained in Appendix VI. of the Committee's Report, and the following paragraphs are quoted from the initial parts:

"The system described in this Appendix aims at substituting for the use of the ready-reckoner the use of an automatic method or formula by means of which, given the price of the particular drug, the charge for any particular quantity of that drug can be readily ascertained without the necessity for reference to any further document.

If all medicines were prescribed in accordance with decimal measures the matter would be a simple one. If, in the case of any particular liquid drug, the price of the mil (in units of value, whether pence, halfpence, or tenths of pence) is 4, the price of the decimal will be .4. All that would be necessary would be to multiply the number of mils or decimals by the unit of value for the particular drug, and to write down the result as the price of that ingredient with the proper adjustment of the decimal point. A similar process could be undertaken in the case of solids. But as it may be expected that doctors will continue for some time to prescribe in ounces, drachms, and grains or minims, it is not possible to turn to account the advantages in this respect of the metric system."

The Appendix proceeds to describe how the thing is to be done. The Departmental Committee believed that the alternative system would enable the pricing of prescriptions to be performed at somewhat greater speed than is possible by the ready-reckoner method. Its results are not necessarily mathematically identical with the results of the method that was adopted and is now in use, and the Committee presumed that "its use would require to be authorised by some specific provision in the Tariff which forms part of the chemist's agreement." The system which is in force at present so aroused the suspicion or expectation of the Pharmaceutical Society that its Council authorised the establishment of a department of the Society to check the work done by the Insurance Committees' Pricing Bureaus. This has been a costly business, we expect (no returns have been made in the Council's monthly financial statements), but it has been paid for by dispensing chemists and other contractors in England and Wales, from whose Insurance accounts a *pro rata* share of the expense is deducted. The question now arises, If the ready-reckoner method of pricing is abandoned and the alternative method used, will checking still be necessary? There is no checking in Scotland, but there they have straightforward pricing in the ordinary business way, without decimals, hundredths, and other complications that the Departmental Committee adopted to get rid of the financial mess that the doctors' demands would have got the Insurance Department into. Whatever happens, it is clear that the Insurance dispensing position is growing hazardous, and the fact that Christmas is coming does not improve it.

Alkali Inspector's Report.

The fifty-second annual Report by the Chief Inspector under the Alkali, etc., Works Regulation Act, 1906, has been issued this week. The statistics dealing with the number of processes of manufacture under inspection show an increase of eighty-one processes as compared with 1914, and an increase of 128 compared with 1913. This is associated largely with the manufacture of chemicals used in producing munitions of war and with the distillation of tar. The war has also made great demands upon the energy and resource of owners and managers, who have been called upon to effect increased output from existing plant and erect new plant. The production of hydrochloric acid has been interfered with to some extent by the great demand for sulphuric acid for other purposes, which has been partly remedied only by an increased use of nitre cake in the salt-cake furnaces. This leads to a smaller production of hydrochloric acid per ton of salt cake produced, and in some localities the supply of hydrochloric acid was insufficient to meet the demand. At one works where nitre cake was used for the production of salt cake and hydrochloric acid, a certain amount of chlorine escaped from the condensation chimney. The nitre cake, it appears, contained from time to time a proportion of undecomposed nitrate of soda, which, reacting with common salt, led to the formation of chlorine. The difficulty was overcome by using a small quantity of sulphur, when the sulphurous acid produced was converted into sulphuric acid and easily arrested in the final condenser. In sulphuric-acid works the use of mechanical washers for the recovery of nitrous gases is mentioned as being an improvement on absorbing-towers. Experience has shown that not only is the original cost of towers very high, but the maintenance of efficiency is difficult, and repacking is a serious expense. A good deal of information is given regarding the direct process of making sulphate of ammonia, and suggestions are submitted for remedying some of the defects. In regard to storage of ammoniacal liquors, the importance is urged of a thick layer of mineral oil on the top of the liquid. Nitric-acid plants have been much increased, but the Report states that up to the end of 1915 the synthetic method had not been worked. The Chief Inspector (Mr. W. S. Curphey, F.I.C.) has also something to say about scientific control of industries. He takes the manufacture of sulphuric acid as an example of an industrial process at almost every stage of which some improvement could be effected by the application of information already in existence. Reference is made to the formation of a company in France for the purpose not only of making and selling sulphuric acid, but of undertaking "all scientific and technical researches, all industrial, commercial, and financial operations concerned with this subject." Such a company, if established here, would be of the greatest value to our sulphuric-acid makers. One of the district inspectors, referring to the need for increased zinc-smelting capacity, recalls the fact that zinc-smelting was first established in Europe by Champion, of Bristol, and from there spread to other European countries.

Kitchener Scholarships.

Sir C. C. Wakefield, Lord Mayor of London, writing to us from the Mansion House on September 26 in regard to these scholarships, states that :

The Council of the Memorial Fund have resolved to found a number of scholarships which will enable young Britons destined for a commercial career to travel, study, and gain business experience in the countries of the Allied nations—viz., France, Russia, Italy, Japan, Belgium, Roumania, Portugal, and Serbia. The original purposes of the Fund will remain unchanged, but the Scholarship scheme will supplement these by a national service of the first order. The Scholarships will be continued from year to year for all time, and will be of the annual value of about 150*l.* each. They will be for the sons of deceased and disabled officers and men of the Navy and Army, and young men from eighteen to twenty-five years of age who have served with the Forces.

The Fund is one of the best and biggest that have ever been raised in this country, but Sir Charles would like it to be bigger. He will be glad to receive cheques or other contributions.

Sulphuric-acid Supplies.

In February last we indicated that the Ministry of Munitions had made it known that the Department would require largely increased quantities of sulphuric acid for the manufacture of explosives, and at that time maximum prices were fixed for its sale by makers and dealers. Since then the Government requirements have become even still larger, and reports are current that all the supplies are to be commandeered on their behalf. About a week ago the Government gave notice to bleachers and other large consumers that by the end of September they must reduce their consumption by one-half, and that by October 16 the supplies would be cut off altogether. This is a serious matter for manufacturers of copper sulphate, Epsom salt, lead compounds, cream-of-tartar substitutes, aërated waters, etc. The market for copper sulphate has already been affected and a sharp advance has taken place, as the stoppage of acid is a vital matter to the industry. The output for some time past has been small, and a further reduction is likely to bring about a greater scarcity of the product, especially as there is no evidence of larger supplies to come forward. It seems probable, also, that no sulphuric acid will be released by the authorities. The Government has made arrangements to deliver nitre cake at any convenient railway station for firms requiring it at 17*s.* 6*d.* per ton, and to any large centres truck-loads are sent by motor-traction. Bleachers, calico-printers, and allied trades have decided to make extensive use of nitre cake.

Wills.

Mr. William Gow Miller, chemist, Wick, N.B., left personal estate in the United Kingdom valued at 1,947*l.*

Mr. William Washington Houlder, vitriol-manufacturer, Southall, who died on May 18, left property of the value of 9,880*l.* 13*s.* 6*d.*

Mr. Peter Dunn, chemical-manufacturer, West Didsbury, Manchester, who died on May 16, left estate of the gross value of £8,793*l.*, and £7,908*l.* net personalty.

Mr. John Farraday, chemist and druggist, Tottington, Lancs, who died on August 9, aged seventy, left estate valued at 5,369*l.* gross and 5,132*l.* net.

Personalities.

Authenticated notes are inserted without charge if not in the nature of advertisement, and subject to Editorial approval.

Mr. A. Millidge, chemist and druggist, Newport (I. of W.), has been appointed Treasurer of the Albany Lodge of Mark Masons, of which he is a Past Master.

Mr. F. W. Watts, chemist and druggist, who, as recently reported in the *C. & D.*, served with the Australian Forces in Gallipoli, being sergeant in the Medical Corps, has now received his discharge, and will remain in England.

Mr. and Mrs. W. H. Saunders, Liverpool, have received many hundreds of letters expressing regret at the death of their son, Lieutenant W. Gilbert Saunders, as reported in the *C. & D.*, September 16, p. 40. They hope to reply to each sympathiser by letter.

By the death last week of Mrs. Wood, mother of Mr. Derwent Wood, an old association with pharmacy is recalled. Mrs. Wood was the eldest daughter of Mr. John Maw, who was in business with his brother, Mr. Solomon Maw, and retired in 1835, when Mr. Solomon Maw continued the Aldersgate business with which his name is still associated (S. Maw, Son & Sons). Mrs. Wood was after the death of her cousin, Mr. Charles Maw, the eldest of her generation of the family.

Mr. Max Muspratt, F.C.S., chairman of the United Alkali Co., Ltd., and a member, since 1904, of the Liverpool City Council, is to be nominated on November 9 as Lord Mayor of the city. His father (Mr. E. K. Muspratt, LL.D., of Seaforth Hall, near Liverpool), long the vice-chairman of the Alkali Co., was formerly a member of the City Council, and for many years an Alderman of the Lancashire County Council, as well as Pro-Chancellor of the University of Liverpool. Both father and son are Justices of the Peace for the county. Mr. Max Muspratt was the first Englishman to obtain the diploma in applied chemistry given by the Swiss Government. He can trace his ancestry back as far as 1400 in Hampshire. A member of the family, who lived from 1601 to 1680, was thrice Mayor of Winchester. In March 1915, Mr. Max Muspratt was appointed by the Government, with two other experts, one from London and the other from Birmingham, to supervise the production and distribution of the principal raw materials used in the manufacture of the most modern explosives. He has long taken an active interest in the Society of Chemical Industry, of which his father was President thirty years ago; and if the British Pharmaceutical Conference visits Liverpool next year it will receive its Civic welcome from a chemist.

Mr. Max Muspratt.

O. Henry Short Stories are all the rage here at present. The author was William Sydney Porter, the son of a doctor in Greenboro, North Carolina, and as a boy he entered the drug-store of his uncle there. It was there that he got the accurate ideas about drug-stores that one finds in his stories. He went to Texas when he was eighteen, and it was after that he became a writer. He died in 1910.

Insurance Act Dispensing.

A Record of matters concerning Chemists' interests in the National Health Insurance Acts.

The Walsall Inquiry.

The inquiry ordered by the National Health Insurance Commissioners to investigate representations made by the Walsall Insurance Committee and the Medical Committee in relation to Dr. Lynch, a panel doctor, closed at Walsall on Saturday, September 23, after sitting in all for forty-two hours. The allegations contained in the complaints by the Committees were about Dr. Lynch's action in the allocation of the residue of insured persons who had not chosen a doctor in the early part of 1913, and in regard to complaints made against him by panel patients named Kendall and Forrester. Evidence with respect to the allegations was reported in the *C. & D.*, September 23, pp. 45-46. Later in the proceedings Dr. Lynch was cross-examined with regard to allocations which were said to have been made to Dr. Power, who was in partnership with him in one part of the town, some time after Dr. Power had left and gone to Coventry. His explanation was that the allocations were made to the firm, and not to Dr. Power individually, and that he regarded himself as entitled to the limit of 1,750 for his own practice, also to part of the limit of 3,500 for the partnership practice. He assumed responsibility for the whole of the allocations, the work being left to him by the Insurance Committee, of which he was Chairman, but contended that they were all made in accordance with the regulations of the Commissioners and having regard to the local circumstances affecting each doctor. He also strongly denied the allegations made in the Kendall and Forrester matter, and on his behalf it was also contended by Mr. W. J. Disturnal, K.C., that not a single particle of evidence had been called to show that his continuance on the panel would be prejudicial to the medical service of the insured persons, which, he submitted, was the only question before the inquiry. Dr. Lynch might have been guilty of errors of judgment and of indiscretions, but they would surely not remove a man from the panel for things of that sort. At the close the Chairman (Mr. Fischer Williams) said that the decision of the Commissioners will be announced in due course.

Complaint against Chemist.

A Committee of Inquiry appointed by the Insurance Commissioners under Part VII. of the National Health Insurance (Medical Benefit) Regulations (England), 1913, was held at Buckingham Gate, London, S.W., on September 25, to investigate a representation from the Middlesex Insurance Committee that the continuance of Evans & Co., 13 Turnham Green Terrace, Bedford Park, W., and 150 Devonshire Road, Chiswick, W., upon the list of panel chemists is prejudicial to the efficiency of the service of the insured persons. Mr. J. Fischer Williams, barrister, was chairman, the other members of the Committee of Inquiry being Major E. S. Peck and Mr. F. Bate.

Mr. E. R. Abbott, Clerk of the Middlesex Insurance Committee, conducted the case for the Committee. He said the ground of the complaints was that the respondents had made additions to various prescriptions, and in cases of certain prescriptions for "Rep. mist." they had entered items which were not on the original prescriptions. It was also complained that respondents had caused to be used a flavouring agent, "tinct. limonis co., Schwartz," so as to obtain a greater profit on the prescriptions than would otherwise have been obtained. This preparation is really the respondents', but was supplied ostensibly by Talbot, Rayner & Co. The matter came to light in the course of an investigation into the cause of the high prices of prescriptions written by Dr. O'Neill, of Chiswick. This doctor's average came out at 2*s.* 4*d.*, against 9.2*d.* for the county. The original and carbon copies of the prescriptions complained of were placed before the Court, and also an explanation from Evans & Co. as to the cause of the discrepancies between the drugs of the original and the "Rep. mist." prescriptions. This was stated to be that a slip had probably been made during the "rush" hours, but in these cases the loss would fall on the respondents, as the overcharges should have been disallowed by the checker.

Mr. J. J. Laws, the respondent, who trades as Evans & Co., asked leave to add that the charge that he had made additions to prescriptions was new to him.

The Chairman: It is quite distinctly stated on the statement which you have had.

Mr. Abbott, continuing, dealt with the frequent ordering of tinct. limonis co., Schwartz. He said Mr. Laws introduced himself to Dr. O'Neill as known to a fellow-student of the doctor's, and afterwards in consultation the two drew up a list of stock formulæ which respondents

offered to get typed and distributed to the local chemists. Several of these mixtures contained tinct. limonis co., Schwartz, which respondents described as a "tonic glycerophosphated tincture of lemon-peel" specially fitted as a covering flavour for iron preparations. Mr. Laws had told Dr. O'Neill that the agents were S. Maw, Son & Sons, but afterwards that it was made by Talbot, Rayner & Co., Hampton.

Mr. Laws here interposed that as chemist for twenty years to Talbot, Rayner & Co., he took all responsibility.

The Chairman: Is the sting of the complaint that it is a misrepresentation to imply that Talbot, Rayner & Co. is a separate firm?

Mr. Abbott replied that the complaint is that respondent induced Dr. O'Neill to prescribe an unknown drug in which he was personally interested. He did not suggest, however, that there was direct misrepresentation, only that respondents induced the doctor to order a more expensive drug than was necessary.

Mr. H. E. Hurd, solicitor representing Dr. O'Neill, asked that nothing should be done to prejudice an inquiry against Dr. O'Neill that is pending. To this the Chairman agreed.

Dr. B. P. O'Neill then gave evidence, and was shown various prescriptions and carbon copies. There were twenty-four prescriptions complained of. In eighteen of these respondents had added after "ext. malt." the words "and oil." In another case (which, however, complainants abandoned) the quantity, "2 lb.," was added after the malt and oil. Another case had "mist. tussi" added to the prescription, and after "pil." the words "rhei co." Witness further told the Committee how he became acquainted with respondents' "tinct. limonis co., Schwartz," and added that of the seventeen stock formulæ which he drew up in conjunction with respondents, eight contained that ingredient.

Mr. Laws, cross-examining witness, procured the admission that he much more frequently ordered malt and oil than plain malt.

The Chairman asked further questions regarding the prescriptions complained of, and

Mr. Abbot brought forward another prescription in which the words "3-in. muslin" were added by the chemist after "bandages," and contended that in such a case the chemist should only supply an ordinary bandage.

The Chairman: I am bound to say that I have some sympathy with the chemist in such cases. Where a general order is given the chemist has to decide what kind of bandage is needed.

Dr. Andrews, who acted as *locum-tenens* for Dr. O'Neill from January 23 to February 11, 1914, was then called and examined regarding several "Rep. mist." prescriptions which the doctor merely wrote as "Rept." In some cases the medicines supplied bore no relation to the drugs ordered in the original prescriptions, and it was alleged that the prices were always enhanced. As an example, an original prescription ordered mist. pulmonic., malt and oil, and senna-pods, but the respondents supplied in response to a prescription containing the word "Rept.," mist. salini c. "powders," mist. evacuans, malt and oil 2 lb., lin. ammon. opt., and pil. rhei co. The relative costs were 2*s.* 4*d.* and 7*s.* 2*d.*

Mr. Laws, in reply to the Chairman, said it seemed as though the wrong prescription was made up. The incident occurred during the time of an epidemic, when he was dispensing up to eleven o'clock at night, and often had twenty persons waiting in his shop. The chemist who at that time acted as his assistant has since died. Witness added that the overcharges should have been found out by the checker.

In another case in which respondents had added the word "antiseptic" after "lozenges," the Chairman said he was not inclined to take a serious view of such an obliquity.

Mr. Bate asked what would be the effect on the patient who obtained drugs entirely different from what had been intended. A patient is entitled to receive proper medicine.

Dr. Andrews said he could not remember what was the matter with the patient. It was his first experience of panel practice. In regard to another case, where "mist. alb. co." was altered to "mist. evacuans," witness said this would serve the same purpose, although the chemist ought to have asked him before altering the prescription.

Mr. Hugo Wolff, Secretary of the Pharmaceutical Committee, the next witness, said he first heard of tinct. limonis co., Schwartz, when Dr. O'Neill's prescriptions were being investigated. From a cursory examination he had made he should say that the preparation was a syrup, and not a tincture. A drug equally efficacious could be obtained by any chemist in the open market at 1*s.* 4*d.* per lb., whereas Schwartz's preparation was charged 6*d.* oz. in the Insurance prescriptions.

Mr. Laws could not agree that the sample Mr Wolff had was taken in the proper way.

Mr. Wolff, in reply to Mr. Bate, said that no amount of time would change a tincture into a syrup.

Mr. Laws then addressed the Committee, and contended that in the rush of business the assistant made notes on the prescriptions trusting that the checker would put right any errors. The errors in the "Rep. mist." prescriptions were possibly due to the difficulty of identifying these mixtures, this being the very reason why the Insurance Committee has done away with this class of prescription.

The Chairman: Are there any cases where the mistakes do not tell in your favour?

Mr. Laws: I have not gone into that.

Mr. Bate: Do you think that the mistake in regard to the "Rep. mist" prescription was due to an earlier prescription of the same patient being filled, and not the last one?

Mr. Laws: I cannot see how it happened. It may have been carelessness on the part of an assistant.

The Chairman referring to "the plain suggestion" of the respondents that Talbot, Rayner & Co. had nothing to do with them, and that the use of the Schwartz preparation involved a greater profit to respondents, asked Mr. Laws for an explanation.

Mr. Laws claimed that he is entitled to trade under other names than his own, and that a small man should be allowed to have special preparations just as a big firm. It is not justice, he added, to deny this privilege to a small man.

The Chairman (severely): It is a question of plain honesty that is involved. If you had told us this at first, it would have put a different complexion on the matter.

Mr. Laws: I have introduced the preparation to doctors other than those on the panel, and doctors would understand that I should not introduce it unless I was interested.

The Chairman: That is your standard of morality of trade! What have you to say in regard to the malt and oil?

Mr. Laws: The patients had had malt and oil before, and would have brought back extract of malt if that had been sent. He certainly should not have supplied malt and oil for the sake of the extra 2*d.*

Mr. Abbott briefly replied, and the Chairman said the Committee would report to the Commissioners, who would give their decision in due course.

Reports from Local Centres.

ENGLAND.

Blackpool.—The financial statement for 1915 of the Insurance Committee states that at the end of that year there were twenty-eight chemists under agreement to supply drugs and appliances. The chemists were paid 1,102*l.* for 43,952 prescriptions. The average cost per prescription was 0.7*d.*, the average number of prescriptions per insured person was just over 2.5, and the cost 1*s.* 6½*d.*

Derbyshire.—At the meeting of the Insurance Committee on September 18, a resolution was passed regretting that the Panel Committee had not answered the representations regarding excessive prescribing, and ordering that a settlement of doctors' and chemists' accounts for 1914-15 be not concluded without the question of surcharges being provided for.

Great Yarmouth.—At the meeting on September 22 of the Insurance Committee it was stated, in reply to a complaint as to the difficulty of procuring medicines on Thursdays (half-holidays) and Sundays, that eight chemists are open for dispensing after 1 P.M. on Thursdays, and that on Sundays and Bank Holidays there is no difficulty if a script is marked "Urgent." As such scripts are rare, and in view of the lighting restrictions during the winter, the Committee decided that no dispensing be required for insured persons after 1 P.M. on Thursdays except for prescriptions marked "Urgent." It was also reported that ten stock mixtures—acida cum opio, alba, ammoniæ et senegæ, bismuthi, copaibæ, diuretica, ferri aperiens, gentianæ alkalina, quininæ, and tussis—had been adopted by the Panel Committee, and that notice had been given to the chemists that a reduced fee of 2.3*d.* will apply to these preparations. The Pharmaceutical Committee, however, protested against these stock mixtures being adopted, and suggested that if the Panel Committee desired them they ought not to become operative until next year in order that the chemists might have an opportunity of withdrawing from the panel. The Pharmaceutical Committee further pointed out that if the mixtures are forced upon them they would decline to be responsible for any adverse effects from their use owing to deterioration or other causes. To avoid confusion and possible mistakes the local formulæ should cease from the time the stock mixtures were adopted. The Panel Committee stated that these mixtures were intended to replace the previous list. Several members were

opposed to these stock mixtures on the ground that as they are cheaper while drugs have become dearer, they are probably inferior, and it was suggested that they deteriorate on keeping. This would mean that patients would not get the full measure of benefit, sickness would be prolonged, and the various Societies would suffer. Dr. H. Blake said the Panel Committee had been assured on pharmaceutical authority that these mixtures will not deteriorate. Ultimately the Panel Committee was requested to reconsider the expediency of adopting these stock mixtures, and in any case their introduction is to be deferred till January 1, before which date the Insurance Committee will again consider the matter.

London.—A meeting of the Insurance Committee was held on September 28. The Finance Sub-Committee reported that the Government Auditor states that the total sums allotted out of the Medical Benefit Fund under Section 33 (2) of the National Insurance Act 1913, to the Panel and Pharmaceutical Committees for administration expenses has reached a sum "exceeding one penny in all in respect of each insured person entitled to obtain medical attendance and treatment from practitioners who have entered into agreement with the Insurance Committee." Hitherto the Committee has acted, at the suggestion of the Commissioners, on the understanding that the amount of one penny was available "per each insured person for this purpose each year." The amount allotted to the two Committees for 1914 was 4,803*l.* 4*s.* 10*d.*, and for 1915 5,000*l.*, a total of 9,803*l.* 4*s.* 10*d.* The Treasury interpretation produces 5,423*l.* 17*s.* 8*d.* only, which means that 4,379*l.* 7*s.* 2*d.* has been overpaid to the Panel and Pharmaceutical Committees to the end of the period under audit. Those Committees are to be communicated with, and the Sub-Committee suggest that no further moneys should be allotted or paid to the Panel and Pharmaceutical Committees. The General Purposes Sub-Committee reported approval of the proposal of the London County Council to change the name of the street where the Committee's new offices are situated from William Street to Insurance Street. The Medical Benefit Sub-Committee considered the Commissioners' letter regarding repeat prescriptions, and resolved that from November 1 the practice of issuing repeat prescriptions be permitted on the conditions in the Commissioners' letter, and that medical practitioners and chemists on the panel be so informed. The alterations in the list of persons supplying drugs and appliances include the following additions: John Barnes & Co., Ltd., 191-217 Finchley Road, N.W.; P. H. Burton, 397 Cambridge Road, E.; F. Ellis, trading as S. G. W. Farthing, 164 Wyndham Road, Camberwell, S.E.; G. W. Gray, 194 Holland Park Avenue, London, W.; A. Kilbey, 160 Franciscan Road, Tooting, S.W.; C. W. O'Callaghan, 21 Chilworth Street, Westbourne Terrace, W.

Middlesex.—The Pharmaceutical Committee met at the Holborn Restaurant, London, W.C., on September 20, Mr. Herbert Skinner in the chair. The Secretary (Mr. H. Wolff) dealt with the correspondence and the arrangements for exemption from military service. It was pointed out that it is necessary that exempted men should obtain certificates, and that those who have not received them should make inquiries at once. In regard to the dispensing arrangements at Ponders End the Insurance Committee is to be informed that the arrangements are satisfactory in the present circumstances. The terms of service for 1917 were referred to, and arrangements made to obtain the opinion of all the members throughout the county. All accounts for the present year are up to date, and those for 1915 have all been paid in full. The report of the Prescription-checking Department stated that the number of scripts received for July was 54,340, and the average cost 7.1*d.* per script. The percentage of pricing errors was less than 0.5 per 100 scripts. A new source of error has been introduced in the August scripts (the checking of which is now completed) by the reduction of the dispensing-fee on stock mixtures. These mixtures are ordered in nearly 10 per cent. of the scripts, and the reduction of the dispensing-fee is equivalent to an average discount of 0.66 per cent., or a lowering of the average cost per script by approximately 0.1*d.* Chemists were again warned about the supply of appliances not included in the official Schedule: such articles must be paid for by the doctor or the patient, as the Insurance Committee is not liable for appliances other than those specifically included in the Schedule. A new Formulary for the county had been prepared under the authority of the Panel Committee, and a copy will shortly be sent to every chemist on the Middlesex panel. No formula will afterwards be recognised unless it is included in the Middlesex Formulary, or the British Pharmacopœia, or the British Pharmaceutical Codex; and mixtures or other preparations ordered by name only will henceforth be priced on the assumption that they are the preparations of similar names recognised in one or other of these publications.

Sheffield.—The Pharmaceutical Society Checking Bureau has issued its first report on a complete check of the Sheffield prescriptions, which shows a very satisfactory system of pricing at the N.E. Midland Pricing Bureau, the amount underpriced (and this is an unchecked amount) being 0.653 per cent.—It was decided by the Medical Benefit Sub-Committee of the Insurance Committee that the new panel Formulary, with the attached proposed ten new stock mixtures, shall come into force with the chemists' 1917 agreement.

Surrey.—A meeting of the Insurance Committee was held on September 27 at the Caxton Hall, Westminster, S.W. The report of the Medical Benefit Sub-Committee recommended advance payment to chemists during October, November, and December of 6*d.* per script. In regard to the exemption of chemists from military service the Clerk made a report, and stated that there are some half-a-dozen difficult cases pending upon which he would be glad to receive instructions. A Sub-Committee of seven members was appointed to deal with such matters. The representatives of pharmaceutical interests are Mr. W. Bowden, Mr. W. H. Fowler, and Mr. E. T. Neathercoat. This Sub-Committee met on September 18, and in regard to certain cases instructed the Clerk to place particulars before the Commissioners with a view to consultation with the War Office. In regard to a member of the staff of the Insurance Committee who has been killed on service the question of making any payment to the relatives has arisen. The Commissioners state that the Committee is not empowered to make such payment, and the Commissioners are to be asked to extend to Insurance Committees the powers conferred on local authorities under the Local Government (Emergency Provisions) Act, 1916.

SCOTLAND.

Edinburgh.—At a meeting of the Medical Benefit Sub-Committee of the Insurance Committee, a doctor and a chemist were interviewed regarding the reading of a prescription. The doctor showed specimens of his figuring. The chemist produced the "B" form of the script along with other scripts. It was decided to intimate to the Commissioners that the chemist was under the impression that the prescription was for four drachms and not for one ounce, that he had priced his "B" form accordingly, and there was no evidence to show that he had altered the prescription. An application by the Pharmaceutical Committee for 58*l.*, an estimate of their administrative expenses for 1916, was sent to the Panel Committee. A letter was read from the Pharmaceutical Committee with reference to one tube of ethyl chloride having been placed on the emergency list without the Pharmaceutical Committee being consulted regarding same. As this had been placed on the list at the request of the Panel Committee it was decided that no action should be taken. Mr. J. Simpson stated that the Central Checking Bureau were drawing up an emergency list for the guidance of Insurance Committees throughout Scotland. Payment to chemists for July amounted to 389*l.* 9*s.* 8*d.*, and for August to 323*l.* 17*s.* 7*d.*

Note.

September Drug-tariff.—In the drug prices (England and Wales) for September there are changes in the following articles: Acetanilidum; acet. ipecac.; acid. acetic.; acid. acetic. glacial.; acid. acetylsal.; acid. benzoic. (synthetic); acid. citric. pulv.; acid. hydrobrom. dil.; acid. salicylic.; acid. tartaric.; adeps lanæ; adeps lanæ hydrosus; ammon. benz. (artificial); ammon. brom.; anthem. flor. exot.; bism. carb.; bism. salicyl.; bism. subnit.; butylchloral hyd.; calc. hypophosph.; capsulæ creosoti m. ij.; capsulæ ol. santal. m. x.; capsulæ pil. ferri (Blaud); chloral hydras; codeina; creosotum; ext. malti; ferri et ammon. cit.; ferri et quin. cit.; hexamina; liq. am. acet. conc.; liq. trinitrini; methyl. salicylas; methylsulphonal; ol. caryoph.; ol. morrhuæ (1915); ol. santal.; ol. tereb. rectif.; phenazon.; phenolphthalein.; pil. quin. sulph. gr. j.; pil. quin. sulph. gr. ij.; plumbi acet.; pot. brom.; pot. cit.; pot. permang.; pot. tart. acid.; pulv. ipecac. co.; quin. hydrochl.; quin. hydrochl. acid.; quin. sulph.; salol; sennæ fructus (picked Tinnev.); sodii benz.; sodii brom.; sodii hypophosph.; sodii salicylas (cryst.); strontii bromidum; tab. acetanilid. gr. iij.; tab. acetan. co. B.P.C.; tab. acid. acetylsal. gr. v.; tab. guaiacol. carb. gr. v.; tab. phenolphthalein. gr. j.; tab. phenolphthalein. gr. ij.; tab. salol. gr. v.; tab. sulphonal. B.P.C. gr. v.; vinum ipecac.; zinci sulph.; zinci sulphocarb.; and oiled silk, yellow, best quality, 32 inch width.

Associations' Winter Session.

Hull.—Mr. I. W. Chapman presided at a meeting of the Hull Pharmacists' Association at the Grosvenor Hotel, Hull, on the evening of September 22, fourteen other members being present, and he welcomed them. Mr. Jones (Hon. Secretary) presented a report of the deputations to members of Parliament on the discounting of the previous year's Insurance accounts. The members interviewed were Mr. T. R. Ferens, Sir Alfred Gelder, and Mr. G. J. Bentham, and the points submitted were published in the *C. & D.*, September 16, p. 45. Mr. T. R. Ferens received a deputation (Messrs. Smith, Spilman, Selle, and Jones) at his residence, and expressed surprise at what was told him, and recommended that they should make as many M.P.s as possible acquainted with their position. On August 26 Messrs. Smith, Robinson, and Jones waited upon Sir Alfred Gelder, who said he was very much enlightened by the disclosures of the deputation, and advised that M.P.s should have the facts brought before them. Mr. G. J. Bentham, M.P., who was seen on September 12, recommended a similar course. A reply had been received by Mr. Ferens from Mr. Charles Roberts, M.P., the Parliamentary Secretary, which was as follows:

National Health Insurance Joint Committee,
Buckingham Gate, London, 30th August, 1916.

My dear Ferens,—Thank you for your letter of the 25th, to which I am sorry not to have replied immediately. I am glad to have seen your statement of the case of the panel chemists in Hull. I fear, however, that I could not accept all the statements contained in it as an accurate version of facts without a great deal of qualification. As for the remuneration of the medical men, their terms were technically open to revision at the end of 1915, but considering the absorption of the medical profession in the war, I think you will agree that it was impossible to open up that question till the normal conditions re-asserted themselves. The revision of the chemists' terms was really undertaken at their request with a view of getting rid of the discounting clause and to getting the terms generally on to a basis less open to objection than that which was somewhat hurriedly adopted at the commencement of the Act. The discounting clause is this year a thing of the past, and there is no reason why their accounts should not now be paid promptly and in full. The whole question, however, of the chemists' remuneration under present conditions is now before me, and I am in the midst of communications with the Pharmaceutical Society on the point. I will certainly bear in mind all the points in the statement you sent me that are really relevant, but, at the present moment, I cannot say anything more definite.

Yours sincerely, CHARLES ROBERTS, M.P.

To the Right Hon. Thomas R. Ferens, M.P.

Mr. Jones read extracts from the *C. & D.* and the comments of "Xrayser," with which great satisfaction was expressed. On the motion of Mr. Spilman, seconded by Mr. Walton, it was agreed that a copy of Mr. Jones's report be forwarded to the Chemists' Federation to be brought to the notice of members. Mr. J. Spilman brought forward some suggestions for securing uniformity in the *sale of glycerin*, on the ground that the present position is unsatisfactory. Mr. Buck, Mr. Staning, Mr. Walton, Mr. Clough, Mr. Spilman, Mr. Richardson, and Mr. T. Smith also spoke, and it was agreed, on the motion of Mr. Spilman, to abolish the sale of glycerin in toilet-preparations, and to limit the amount supplied to each customer. A new practice was brought forward by Mr. Richardson, who said that he had many orders from baby clinics, and he thought they should fix on a definite price, but no action was taken.

Ipswich.—A meeting of the Ipswich Chemists' Association was held at 12 Carr Street on September 20, the President (Mr. E. S. Clifton) in the chair. A letter was read from the medical officer of health for the borough *re* the Venereal Diseases Regulations, inviting tenders for the supply of drugs and appliances to patients under treatment, and also asking the Association to submit names of three chemists, with the necessary technical skill and suitable premises, one of whom could be selected to prepare "Khayvisan" ready for exhibition to the patient, and further asking the Association to state what might be considered a fair fee for this work. The medical officer of health stated that he would be quite willing to discuss a scheme with the Association at a subsequent meeting if agreeable to the members. After some discussion, it was decided that the present data were insufficient to work upon, and consequently the Association could not commit itself either to the suggestion of names or fee until more particulars could be obtained. The Secretary was instructed to write the medical officer of health accordingly, asking him to attend a meeting to be arranged subsequently and discuss the suggested scheme more fully with the members. Votes of condolence were passed with Mr. J. T. Jackson and Mr. J. C. Wiggin, both members having lost sons on active service. The expenses of advertising the dinner-hour closing were then considered, and a list of donations read. The local price-list was then checked, and several alterations made.

Irish Assistants.—A meeting of the Irish Chemists' Assistants' Association was held on September 20 at Moran's Hotel, Lower Gardiner Street, Dublin. Mr. MacNamara (Graham & Co.) was in the chair. Mr. W. J. Dillon (Hayes, Conyngham & Robinson, Ltd.), Hon. Secretary, read the minutes, which were adopted; and Mr. Blood, Treasurer *pro tem.*, reported that forty-seven subscriptions had been received, and more are promised. The Chairman referred to the work of the Provisional Committee in framing the rules, and also urged the necessity of the organisation. The securing of a minimum salary is to be the chief feature of the Association. The improper sale of poisons by grocers and flour-dealers requires looking into, as if the business was allowed to be filched from them now there would be little left for the next generation of pharmacists. The rules were then read, discussed, and eventually adopted. It was suggested that the Association should be affiliated with a labour movement. The Chairman said the conditions of the Pharmaceutical Licence examination require revision, so that a student who fails should be credited with the subjects in which he passes. The appointment of President and other officers was postponed for the present.—At subsequent meetings of the Provisional Committee the following office-bearers were approved to act *pro tem.*: *President*, Mr. J. H. McManus; *Vice-President*, Mr. B. Carragh; *Hon. Secretary*, Mr. W. J. Dillon; *Treasurer*, Mr. N. J. Blood; *Committee*, Messrs. J. M. MacManus, R. Roche, J. P. McBride, P. Whelan, J. F. Thornton, J. Farrell, P. J. R. D'Arcy, J. Carton, L. J. McKenna, J. Conway, —. Leyden, and C. Nolan.

London.—A meeting of the Executive Committee of the London County Pharmaceutical Association was held at 17 Bloomsbury Square on September 19, Mr. A. H. Jenkin (President) in the chair. The Secretary reported that a letter had been received from the Proprietary Articles Trade Association, in connection with a deputation from the London County Pharmaceutical Association, and that arrangements for meetings during the ensuing session have been made by the Sub-Committee of Secretaries. The annual meeting is to be held on October 26. The annual report of the Association and the report of the Pharmaceutical Insurance Sub-Committee were received and adopted. A special meeting of the Pharmaceutical Committee will be held to meet representatives of the Central Checking Bureau. Messrs. Procter, Hearle, Scott, Keith, Milner, and Breese, together with the President and Secretary, were appointed to constitute the Organisation Sub-Committee.

Middlesbrough.—The annual meeting of the Middlesbrough Chemists' Association was held on September 15. The Treasurer's and Secretary's reports were received and adopted. The following officers were elected for the new session: *President*, Mr. A. C. Gaddes; *Vice-President*, Mr. W. C. Stubbs; *Secretary*, Mr. J. C. Thompson; *Assistant Secretary*, Mr. A. W. Harrison; *Treasurer*, Mr. W. Carris; *Auditor*, Mr. W. Nichols.

Middlesex.—A meeting of the County Association was held at the Holborn Restaurant, London, W.C., on September 20, the President (Mr. Herbert Skinner) in the chair. Arrangements were made for the ensuing session, whereby the meetings of the various district Associations would not clash, and the usual levy for the expenses of the county was agreed upon.

Southport.—The annual meeting of the Pharmacists' Association was held on September 19, Mr. Charles Hare (President) in the chair. Before the general business, Mr. William Kirkby (President of the Manchester Association) gave a detailed explanation of the proposed scheme for federating the various Associations in the county of Lancashire. A discussion followed, and Mr. Kirkby replied on the different points raised. It was resolved that the Southport Association should join the proposed Federation. A vote of thanks was accorded to Mr. Kirkby. The following officers were elected for the ensuing session: *President*, Mr. Frank Battersby; *Vice-President*, Mr. W. H. Smith; *Treasurer*, Mr. Charles Hare; *Secretary*, Mr. R. H. West. It was decided to subscribe 2*l.* 2*s.* to the Benevolent Fund.

A PHARMACIST supplied a customer the other day with samples of a dentifrice and a shaving-stick. The customer returned to complain that his wife disliked the dentifrice, and that the shaving-soap would not lather! On the suggestion of the pharmacist that the samples had been transposed in use, a second trial was essayed, with very satisfactory results.

Conference on Drug-growing.

A Conference, convened by the Central Committee for National Patriotic Organisations, was held at the Carlton Hotel, London, S.W., on September 27, to form a federation or central organisation of the numerous Associations throughout the country which are at present engaged in promoting the growth of medicinal plants. The chair was taken by Mr. Henry Cust, supported by Sir Sydney Olivier and Professor H. G. Greenish, and among the audience of about a hundred persons were Mr. E. M. Holmes, Mr. G. Claridge Druce, Mr. W. A. Wren, and others in the drug-trade interested in the subject. The Chairman, in opening the meeting, said the Conference had been called with a view to promoting a central body which would form a clearing-house for the various Associations engaged in herb-growing. There are two schemes put forward, and it was for the meeting to find a way of unifying the various interests. At the end of 1915 the Central Committee had endeavoured to assist the movement for growing medicinal plants, but it was found that only small parcels of herbs could be delivered, so that the scheme could not be placed on a paying basis. In February of this year the Herb-growing Association was formed, and this body again got into touch with the Central Committee, urging it to take again a strong lead in promoting the organisation of the industry. The Chairman said that certain herbs need growing in large blocks; he also recalled two lectures given by Mr. E. M. Holmes before the Royal Horticultural Society, and the action of that Society in writing to all owners of large gardens urging them to take up the cultivation of medicinal plants. There had been a satisfactory response, and many owners had built drying-houses for the purpose of preparing for the market the drugs grown. The Herb-growing Association set to work on another scheme, and in consequence of the plan put forward at the earliest conference a certain amount of confusion had been produced. The two general principles which the Central Committee wish to emphasise in any general plan are that it must be national—to embrace the whole of the United Kingdom—and be free—that is, promote self-organisation and free development in the various Associations, with the minimum of central control. The plan of nomination to the Executive as proposed by the Herb-growing Association was not a good one. There is also a difference of opinion as to the necessity for building drying-sheds locally or centrally. After further elaborating the lines upon which the central body should proceed, the Chairman said he had had an opportunity of placing the matter before the King and Queen. As a consequence, Mr. E. M. Holmes and Professor H. G. Greenish had been to Windsor to consult the head gardener on the matter, and had prepared reports for the Central Committee.

Sir Sydney Olivier then gave the views of the Board of Agriculture on the growing of medicinal plants. It is not the business of the Board to provide for the supply of medicinal plants; that is a matter for the Pharmaceutical Society and kindred bodies. The Board had, however, undertaken emergency work in this direction, so as to fill the gaps in the supply of medicinal plants caused by the failure of supplies from abroad. The problem consists in producing a marketable article at a rate which will leave a profit to the grower, and in so organising the growing and preparation of drugs that a supply to sample can be guaranteed to the wholesale trade. This country has either to establish a national drug-growing industry or leave it to the wholesale growers to extend their farms or resume importation after the war. The conference should endeavour to consolidate the independent efforts of the various Associations that have been formed.

A gentleman in the audience here asked if the speaker would give some definite information as to whether the Board of Agriculture would do more than extend to the movement a benevolent interest. Could not subsidies be given in the case, for example, of belladonna, where it requires three years before marketable produce is obtained?

Sir Sydney Olivier replied that there is a body known as the Development Commission which has funds at its disposal for similar purposes. Lord Selborne had informed him that if some responsible body applied for a grant, and at the same time produced a recommendation from the Pharmaceutical Society and the General Medical Council, the application would certainly be considered. Such steps have already been taken in the matter of tobacco and flax growing in this country.

Another speaker said that hitherto belladonna had come mainly from Austria, and he had been informed that it could not be grown here unless the industry were protected by a tariff.

Dr. Peachey said that in regard to drying-sheds these are by no means necessary. Formerly drugs were dried on the top of houses, and were equally as efficacious as those prepared in drying-houses. Herb-growers should co-operate in their dealings with wholesale druggists.

Mr. Latimer, as a practical man, ridiculed the idea of drying drugs on the top of houses. Many of those who talk of herb-growing have no idea of the extent of the business. He had been offered from growers 7 lb. of belladonna-root when he had in his hand an order for 7 tons of the drug. Drying-sheds are a necessity, and must be provided near where the drugs are grown.

Mr. G. C. Druce recalled his early experiences in growing drugs, and also that he had been an examiner in materia medica. The industry should be established on paying lines, and those engaged in it should not look to subsidies or tariffs. Drugs were grown successfully in this country before the war, and there is no reason why they should not be again. The plants upon which attention should be directed are belladonna, henbane, poppies, and lavender, all of which have been grown with success in this country. Some things are better grown abroad, such as the double chamomiles of Belgium and the caraway-seeds of Holland. Central control would prevent all growers concentrating on one drug and thus spoiling the price. Drying-sheds are not required for all drugs.

Mr. Wren urged the control of the industry by a central body. It would be disastrous to have several independent bodies at work. The drugs grown should bear some relation to the requirements of the drug-houses. His firm have, since the war, bought up all the parcels of drugs offered to them, but in some cases this has resulted in the accumulation of stocks which will last for some years.

Further discussion ensued, and eventually a series of resolutions was passed, appointing a Committee, composed of representatives of the various herb-growing Associations, to form a central organisation with the following objects:

(*a*) Interchange of information and suggestions, the production and distribution of suitable literature, and the organisation of propaganda.

(*b*) Investigation of the requirements of central, local, and other markets and regulation of prices.

(*c*) Regulation of the production, collection, treatment, output, and delivery of herbs to meet the needs of the various markets.

(*d*) The furnishing of the necessary funds to accomplish these objects.

The meeting then resolved itself into a conference of the delegates.

Medical Charms and Amulets.

At the Wellcome Historical Medical Museum on October 2 is to be opened a special display illustrating the folklore of London. The objects are arranged in six cases, and consist of medical charms, amulets, and other objects used to avert disease, to ward-off evil, and to bring good fortune. These form part of the collection of Mr. Edward Lovett, of Croydon, who was present at the Press view to explain the chief points regarding the various exhibits. Some of these will be recognised by most chemists. There are, for example, the pieces of orris-root given to children to promote teething, and the cats' skins worn against rheumatism—the use of these has, by the by, increased since the arrival of Belgian refugees in this country. Less familiar are strings of acorns worn against diarrhœa, and small bottles of mercury enclosed in wash-leather cases, against rheumatism. Animals' teeth in small bags are still worn round the neck to promote the easy teething of children. The charms against nightmare generally take the form of horseshoes or stones with holes in them. These are hung over the bed of the person who seeks their protection. Teeth, tusks, and claws are also worn to protect against wild animals and mad dogs, as well as to bring good luck. A natural stone shaped like a kidney was used to cure kidney-diseases, being rubbed over the affected organ. A whole cult lingers round the acorn, and as a protection against lightning they are freely worn or carried. The oak-tree is especially liable to be struck by lightning, and hence any part of it protects the wearer. Most people are unaware that the ornamental acorns which are suspended from the handles of their umbrellas have this origin. Mr. Lovett has collected much information about medical charms from chemists with whom he gets into conversation. Superstitions are rife to-day, although often not openly practised. Two girls, for example, bought tormentilla-root recently at a drug-shop in the East-end of London which they afterwards confessed they burned on a Friday at midnight to bring back a faithless lover. Dragon's-blood is still used as a love-philtre in London. The exhibition is well worth visiting by pharmacists.

Trade Report.

The prices given in this section are those obtained by importers or manufacturers for bulk quantities or original packages. To these prices various charges have to be added, whereby values are in many instances greatly augmented before wholesale dealers receive the goods into stock, after which much expense may be incurred in garbling and the like. Qualities of chemicals, drugs, oils, and many other commodities vary greatly, and higher prices than those here quoted are charged for selected qualities of natural products even in bulk quantities. Retail buyers cannot, therefore, for these and other reasons, expect to purchase at the prices quoted here.

42 Cannon Street, E.C., September 28, 5.30 p.m.

THERE are few signs of any improvement in business, the bulk of the fluctuations having tended in favour of buyers. Both tartaric and citric acids are lower on a dull market. Citrates have been reduced by 4*d.* per lb. Phenazone and salol show a marked decline; acetanilide, acetylsalicylic acid, formaldehyde, hydroquinone, phenolphthalein, and salicylates (for forward delivery) are cheaper. Amidopyrin, benzoic acid, resorcin, Japanese refined camphor, menthol, and mint oil are among the higher products. Bismuth salicylate and subgallate have been advanced by English makers. Eucalyptus and star-anise oils are easier.

Higher	Firmer	Easier	Lower
Amidopyrin Benzoic acid Bismuth salicylate Bismuth subgallate Camphor (Jap. ref.) Chiretta Copper sulphate Menthol Mint oil (Jap. dementh.) Resorcin Sulphur	Coconut oil Rosemary oil (Span.)	Acetanilide Acetylsalicylic acid Anise, star, oil Eucalyptus oil Formaldehyde Potashes Silver proteinate	Cassia lignea Chillies Citric acid Citrates Hydroquinone Phenazone Phenolphthalein Salol Shellac Tartaric acid

ACETANILIDE is still tending lower at from 3*s.* 3*d.* per lb. upwards.

ACETYL-SALICYLIC ACID still tending easier at from about 27*s.* per lb. upwards.

ALMONDS.—At auction (in prize) 100 boxes Valencia sold at from 147*s.* to 150*s.* per cwt.

ALOES.—Good hard Socotrine in kegs are quoted at 95*s.*, and slightly less for quantity: good Zanzibar in skins are scarce, only common being obtainable.

AMIDOPYRIN.—Several holders are now asking 60*s.* to 62*s.* 6*d.* per lb. net, being higher.

AMMONIA SULPHATE.—Firm. Home trade September prices are 15*l.* and 15*l.* 10*s.* for October-May. Export prices are: London, prompt, 25-per-cent., 16*l.* 17*s.* 6*d.* to 17*l.* per ton net, naked at works, and forward 17*l.* 7*s.* 6*d.*; Hull, 24-per-cent., 17*l.* 12*s.* 6*d.*; Liverpool, 17*l.* 17*s.* 6*d.*; Leith, 18*l.* spot and 18*l.* 2*s.* 6*d.* for October-December, less 3½ per cent. in bags f.o.b.

BARBITONE.—The spot value is from 85*s.* to 90*s.* per lb., with sales at the inside figure. To come forward from Switzerland from 75*s.* to 80*s.* is quoted, and not 55*s.* as printed last week.

BISMUTH SALTS.—Makers have advanced the price of bismuth *Salicylate* to 16*s.* to 16*s.* 5*d.*, as to quantity, and *Subgallate* is also dearer at from 14*s.* to 14*s.* 5*d.*, as to quantity. Bismuth *Carbonate* is unchanged at from 12*s.* to 12*s.* 5*d.*, and bismuth *Subnitrate* at from 10*s.* 10*d.* to 11*s.* 3*d.* per lb., as to quantity, from makers.

CAMPHOR (REFINED).—Japanese has sharply advanced, several holders having sold 2½-lb. slabs at from 2*s.* 7½*d.* to 2*s.* 11*d.* per lb., with 3*s.* asked at the close; ¼-oz. tablets have been sold at 2*s.* 6¼*d.* spot. To arrive, sales of slabs for November-December shipment have been made at 2*s.* 11*d.* c.i.f., and for March-April shipment Japan quotes 3*s.* 5½*d.* c.i.f.

CAMPHOR OIL.—White light essential is offered at from 70*s.* to 72*s.* 6*d.* per cwt. for prompt delivery.

CASCARILLA.—Stocks in first hand are exhausted, and probably 105*s.* to 110*s.* would have to be paid for quill and 78*s.* to 80*s.* for siftings.

CASSIA LIGNEA.—At auction (naval prize), 2,109 cases and 100 bales offered and sold, comprising fair selected at from 44*s.* to 46*s.*, and good broken, 40*s.* to 41*s.* per cwt., being lower.

CASTOR OIL is firm at 57*s.* to 58*s.* for English medicinal, 51*s.* to 52*s.* for first pressing, and 51*s.* 6*d.* for September-December delivery f.o.b. Hull: good seconds Calcutta is 5*d.* per lb. ex store Liverpool. Finest medicinal Italian in cases is offered at about 97*s.*

CHILLIES.—At auction, 105 bales Mombasa sold without reserve at from 85*s.* to 87*s.* per cwt., being lower.

CHIRETTA is dearer at 1*s.* per lb. for fair quality; 25 bales have arrived.

CITRATES have been reduced by 4*d.* per lb. by the makers.

CITRIC ACID is cheaper at 2*s.* 8*d.* per lb.

CLOVES remain slow, fair Zanzibar offering on the spot at 7 1/16*d.*, and October-December delivery 7 1/16*d.* per lb. At auction, ten bags fair picked Ceylon sold at 10½*d.*, and thirty-eight cases picked Penang were retired at from 1*s.* to 1*s.* 3*d.*

COCOA-BUTTER.—At auction 250 cases *Fry's* sold at from 1*s.* 11⅞*d.* to 2*s.* per lb.

COD-LIVER OIL.—Our Bergen correspondent writes on September 18 that the market is dull and unaltered at 550*s.* per barrel for prime non-congealing medicinal oil. Business is practically non-existent on the London market.

COPPER SULPHATE is dearer at 52*l.* 10*s.* per ton for the usual Lancashire makes of 98-per-cent. pure for agricultural purposes.

CREOSOTE BEECHWOOD is offered at from 9*s.* 6*d.* to 10*s.* per lb.

EUCALYPTUS OIL.—The recent arrivals have given an easier tone to the market, and demand is quiet at the moment; oil containing 68 to 70 per cent. eucalyptol is offering at 1*s.* 11*d.* per lb., with quotations up to 2*s.* 3*d.* and 2*s.* 4*d.* for *globulus*.

FORMALDHYDE is easier at from 70*s.* to 72*s.* 6*d.* per cwt. for 40-per-cent.

GINGER.—At auction, 323 bags washed Cochin were bought in at from 45*s.* to 47*s.* for fair, and 42*s.* to 44*s.* for wormy.

HYDROQUINONE is lower at from 20*s.* to 21*s.* per lb.

JUNIPER-BERRIES.—New Italian to arrive are offered at 22*s.* 6*d.* per cwt. c.i.f. gross for net.

LITHIA CARBONATE is offered at from 5*s.* 3*d.* to 5*s.* 6*d.* per lb. for prompt delivery, and at 5*s.* to arrive.

LYCOPODIUM is offered at from 4*s.* 6*d.* to 5*s.* per lb. net as to holder

MENTHOL is 6*d.* to 9*d.* dearer on the spot, sales of Kobayashi-Suzuki having been made at up to 12*s.* to 12*s.* 3*d.*, and outside brands at 11*s.* 9*d.* To arrive the sales include August-September shipment at 11*s.* 9*d.* to 12*s.* c.i.f., and from Japan 14*s.* 6*d.* c.i.f. is quoted.

MINT OIL.—A good business has been done on the spot in Japanese dementholised oil at from 4*s.* 3*d.* to 4*s.* 4½*d.* per lb., with 4*s.* 6*d.* asked at the close. To arrive 4*s.* 3*d.* c.i.f. has been paid for September-October shipment, and sellers now ask 4*s.* 6*d.* c.i.f.

NUX VOMICA.—Quiet, with sellers of good pale Cochin at 25*s.* on the spot; consumers, however, appear to be fairly well stocked.

OILS (ESSENTIAL).—*Star-anise* oil has been sold on the spot at the turn easier rate of 3*s.* 4*d.* for "Red Ship" brand: sellers of *Cassia* quote from 3*s.* 6*d.* to 3*s.* 9*d.* c.i.f. as to cinnamic aldehyde content. Ceylon *Lemongrass* is offering at 2¼*d.* to 2½*d.* per oz. on spot. *Sandalwood* B.P. at 37*s.* 6*d.* per lb. net in small lots only. African *Geranium* is 13*s.*, and Bourbon 12*s.* net. Mont Blanc *Lavender* 15*s.*, French *spike* lavender 4*s.* 6*d.*, Spanish 2*s.* 10*d.* per lb. *Neroli* 9*s.* 6*d.* per oz. *Palmarosa* 11*s.*, Paraguayan *Petitgrain* 12*s.*, French *Rosemary* 2*s.* 8*d.*, and Spanish 2*s.*; red *Thyme*, 5*s.* 6*d.* per lb. net. *Juniperberry* oil B.P. 30*s.*, and juniper *wood* 6*s.* per lb. Distilled *Lime* is 8*s.*, and hand pressed 8*s.*

OILS (FIXED).—*Linseed* is easier at 38*s.* in pipes landed and 39*s.* in barrels. *Cottonseed* is firm at 35*s.* for crude in pipes on spot, 40*s.* to 41*s.* for refined in pipes, and 48*s.* to 51*s.* 6*d.* for sweet refined in barrels. *Rape* is firm: ordinary brown naked on spot is nominal at 43*s.*, British refined in barrels is 48*s.* to 50*s.*, and Japanese in cases is 43*s.* 6*d.* c.i.f. for August-September shipment. *Coconut* is firmer at 49*s.* for Ceylon in hogsheads on spot and 48*s.* in pipes. Cochin on spot is dearer at 54*s.* to 55*s.*, and London pressed is 41*s.* 6*d.* per cwt. Hankow *Wood* oil is 51*s.* spot and 49*s.* c.i.f. *Soya* is steady at 38*s.* c.i.f. for August-September shipment. Lagos *Palm* is 38*s.* on spot, and 32*s.* 9*d.* ex quay Liverpool.

OXALIC ACID is offered at from 1*s.* 7*d.* to 1*s.* 7½*d.* per lb. delivered London.

PAREIRA BRAVA.—Small sales of genuine have been made at 75*s.* per cwt.

PEPPER.—Quiet, with fair black Singapore offering on spot at 7⅞*d.*, Tellicherry at 9½*d.*, and Lampong at 8½*d.*, while Singapore is 9½*d.*, Muntok 9¾*d.*, and Penang 9¼*d.*

PEPPERMINT OIL.—A New York advice under date of September 7 states that "it is reported that good quantities are held by producers in the West, and dealers generally do not express much faith in the market." On the spot from 9*s.* 9*d.* to 10*s.* 6*d.* per lb. net is quoted as to holder, and H.G.H. is 14*s.* London terms, to arrive, and 14*s.* 3*d.* on the spot.

PHENAZONE is lower at from 39*s.* to 40*s.* per lb. on the spot.

PHENOLPHTHALEIN.—The spot value is about 120*s.* per lb. net.

POTASH SALTS.—*Permanganate* is quiet with small crystals offering at from 6*s.* 3*d.* to 6*s.* 6*d.* per lb. *Metabisulphite* crystals in 1-cwt. kegs is offered at from 230*s.* to 250*s.* per cwt. as to seller. *Carbonate* 80 to 85 per cent. is 130*l.* per ton. *Caustic*, solid, 89 to 90 per cent., 350*s.* per cwt. *Chlorate* is 2*s.* 7*d.* per lb. for powder or crystals. Yellow *Prussiate* is quoted at 4*s.* 2*d.* by dealers.

POTASHES are lower, first Government brand Montreal offering at 145*s.* per cwt. on the spot: Liverpool offers at less than the foregoing.

QUICKSILVER.—It is reported that seven tons of metal have been exported to England from New York, where the price is $75, or almost $15 below the London parity, which is from 17*l.* 12*s.* 6*d.* to 17*l.* 15*s.* per bottle for Spanish.

QUININE is unaltered at from 2*s.* 5*d.* to 2*s.* 6*d.* per oz. from second-hands. It is reported that the Government has bought a fair quantity at slightly less than the foregoing.

SALOL is lower at from 16*s.* to 18*s.* per lb. net.

SARSAPARILLA.—A new lot of Honduras is expected shortly, the value of which will probably be 1*s.* 9*d.* to 1*s.* 10*d.* Mexican is slow at 10*d.*, and red Native Jamaica is also slow at 1*s.* for good red.

SASSAFRAS OIL.—American is quoted at from 3*s.* 6*d.* to 3*s.* 7*d.* net as to holder.

SHELLAC is lower, the spot price of usual standard TN Orange quality having declined about 10*s.* per cwt. on the week, closing on a basis of 122*s.* 6*d.* per cwt. for fair; fine Orange is 150*s.* and AC Garnet is 132*s.* 6*d.* Futures are also 10*s.* to 12*s.* 6*d.* lower, the sales including October 129*s.* to 119*s.*, and December 133*s.* to 120*s.*

SILVER PROTEINATE is easier at from 17*s.* 6*d.* per lb.

SPERMACETI.—American refined in cases is offered at from 9½*d.* to 10*d.* per lb. net on the spot.

SULPHUR.—With small supplies prices are firm to dearer. Sicilian flowers being 16*l.* per ton net in barrels, and roll 15*l.* 10*s.* ex wharf.

TARTARIC ACID.—With a slow home trade demand there are offers at the lower rate of 2*s.* 7*d.* to 2*s.* 8*d.* for powder.

THYMOL ex ajowan-seed is offered at from 32*s.* to 35*s.* per lb. as to seller.

TURPENTINE shows little change on the week, American closing at 42*s.* 7½*d.* per cwt. on the spot.

VANILLIN is slow and pressed for sale in second-hands: 32*s.* per lb. is quoted for 100-per-cent.

WITCHHAZEL EXT. is offered at 4*s.* 6*d.* per English gallon in bond.

American Drug and Chemical Markets.

The demand for chemicals and drugs has been quiet, the chief alterations to September 7 including an advance in *Peppermint oil*, offers from Michigan and Indiana being light, with holders asking as high as $2.40. *Phenacetin* is extremely scarce, holders asking $36.00 on spot. *Benzoic acid* has advanced to $12.00, and is now almost unobtainable; demand has been active. Sales of 3½-year-old *Cascara sagrada* have been made on the basis of 7½c. Most holders of *Menthol* are now asking $3.10, but goods to arrive can be had at $3.00. Makers' prices of *Quinine* are unchanged at 65c., with outsiders asking 60c. to 63c. Some holders of *Sodium benzoate* are asking $8.00, but $7.50 will buy in a small way. Both *Salicylic acid* and *Salicylate of sodium* have been reduced by the makers to $1.75 per lb., but little interest is shown. *Formaldehyde* is 10c. to 10½c., and in larger supply. *Epsom salt* is easier at 1¾c. to 2c. per lb. for U.S.P. *Camphor* is very strong on the basis of 62½c. in bulk from refiners, but a further advance is expected. *Methyl salicylate* is $1.75. *Resorcin* has advanced to $24.00 to $25.00. *Milk-sugar* is scarce at 21c. to 23c., and *Thymol* is $10.00. *Lactanilide* is in better supply at from 58c. to 60c. per lb.

Continental Drug and Chemical Markets.

The following notes chiefly refer to the Hamburg and Berlin markets under date of August 30:

BALSAMS. *Copaiba* is in good inquiry, but only very small quantities are to be had at from m.650 to m.675 per 100 kilos. *Tolu* is firm at m.14 per kilo.

BLEACHING-POWDER is to be had in larger quantities, but may only be sold by permission of the Distribution Committee in Frankfurt. The prices are: m.17.50 for 60 per cent., m.18.50 for 80 per cent., m.19.50 for 100 per cent., and m.20.50 for 110 to 115 per cent.

CARAWAY-SEED.—Dutch is selling at from m.240 to m.250 per 100 kilos.

CASTOR OIL.—Finest medicinal Italian oil is offered in small quantities at from m.11 to m.11.50 per kilo.; yellow oil, first and second pressing, is still obtainable at from m.10 to m.10.50 and from m.9 to m.9.25 per kilo. respectively.

CITRIC ACID is firmer, but the demand is not yet active; from m.15.75 to m.16 per kilo. is quoted.

CLOVES.—*Zanzibar* are getting scarcer than ever, as the demand is active and imports are not taking place. Fair are quoted at m.520 to m.525 per 100 kilos. now; ordinary cloves mixed with spent cloves are offered in larger quantities at from m.400 to m.450 per 100 kilos.

COLOCYNTH is only to be had in small lots, and as the demand has increased prices have advanced. Good apple without loose seed is quoted at from m.150 to m.160, and natural apples, with not more than 25-per-cent. seed, at from m.120 to m.125.

CONDURANGO is firm at m.290 to m.300, though the demand is only small.

ERGOT is still neglected. Prices are: German, m.4.50; Russian, m.5.50; and Spanish, m6.50 per kilo.

FORMALDEHYDE is extremely active, at from m.88 to m.90 per 100 kilos. for 35 per cent.

GUM ACACIA.—"Kordofan" is becoming more scarce than ever, as there have been no imports for a lengthy period. Natural and pale sorts are in active demand, and almost all stocks have been cleared. Natural from m.450 to m.460 per 100 kilos., palish from m.465 to m.470, and fine white from m.480 to m.485. White Kordofan gum is m.550 to m.575 per 100 kilos.

LITHIUM SALTS.—Carbonate has advanced by m.10 per kilo. to from m.60 to m.65 for finest. Other lithium salts have also advanced.

LYCOPODIUM is cheaper in consequence of new arrivals. Genuine thrice-sifted is quoted at from m.1,060 to m.1,075 per 100 kilos. in bags, and from m.1,080 to m.1,100 in paper packages of 10 kilos. each.

MAGNES. CARB. has been advanced by the makers to m 52 per 100 kilos.

MENTHOL.—Recrystallised is extremely scarce at from m.65 to m.67.

MILK-SUGAR.—In the Hamburg market m.315 per 100 kilos. is asked for prompt delivery; and from m.270 to m.280 per 100 kilos. has frequently been paid.

OILS (ESSENTIAL).—*Star-anise* has been imported in large quantities, and prices are lower at m.15 per kilo. *Bergamot* is still obtainable at m.50. *Cajuput* is m.14. *Caraway* is m.35. *Clove* is m.35. *Eucalyptus globulus* is m.9. *Lemongrass* is m.9.50. *Patchouli* is m.80. *Japanese mint* is also easier at m.18. *E.I. sandalwood oil* is m.72, but it is expected to advance.

PEPPERS are very firm and still advancing on account of scarcity. Hamburg asks from m.1,400 to m.1,410 for white washed Muntok; from m.1,380 to m.1,400 for first white Singapore; from m.1,340 to m.1,350 for black Singapore or genuine Tellicherry; and from m.1,325 to m.1,335 per 100 kilos. for black Lampong.

POTASH PERMANGANATE.—The inland makers have advanced prices by m.60 per 100 kilos. again. Small crystals are m.250, medium m.255, and bold crystals m.260; only very limited quantities are offered. Hamburg merchants ask from m.300 to m.325 for medium.

VANILLIN. The demand has fallen off, only small quantities being obtainable at high prices.

In the trade report of the "Pharm. Ztg." of July 22, 1916, the following prices (in marks) are mentioned:

Antipyrin salicylate (per kilo.)	17.50
Copaiba balsam (commercial) (100 kilos.)	650
Copaiba balsam (Maracaibo) (100 kilos.)	720
Camphor. synth. powdered (kilo.)	23
Cascara sagrada (100 kilos.)	480
Condurango (100 kilos.)	310
Creosote (kilo.)	5
Dermatol (kilo.)	42
Dimethylaminophenazone (kilo.)	70
Dimethylpyrazolon caffeine cit. (kilo.)	28
Formaldehyde solution, D.A.B. V. (100 kilos.)	90
Lecithin (kilo.)	240
Manna elect. (kilo.)	11.50
Pepsin, D.A.B. V. (kilo.)	6
Phenazone (kilo.)	24
Quicksilver (kilo.)	25

Arrivals of Chemicals, Drugs, etc.

THE following is a selection of arrivals, during the period from September 19 to 26 inclusive, in the English ports named. Goods in transit are not included. The figures refer to the packages—*e.g.*, cases, bags, barrels, boxes, kegs, etc. The weights, when known, are specified:

To London.

Acetanilide (N.Y.) 19 brls.
Acid phosphate 100 bxs.
Albumen 411 cs.
Ammonia (U.S.A.) 67 cyl.
Anise oil, star, 40 cs.
Argol (Sp.) 39 cs.
Barium nit. 27 brls.
Barytes (Fr.) 102
Benzoin 141 cs.
Bismuth ore 100 kgs.
Boric acid (It.) 254 brls.
Canary-seed 50
Casein (Fr.) 100 bgs.
Cassia oil 25 cs.
Cellulose acet. (N.Y.) 49 cs.
Chamomiles (R'dam) 20 bls.
Chemical products (U.S.A.) 70 cs., (Fr.) 15 pkgs.
Chemicals, drugs, medicines, etc. (N.Y.) 482 pkgs.
Chewing-gum 500 cs.
Chloral hyd. (N.Y.) 16 cs.
Cinchona (S. Thome) 28 bls.
Cinnamon 34 bls.
Cinnamon oil 16 cs.
Citronella oil (Rangoon) 22 crts.
Cochineal 13
Coconut oil 45 pps. 32 pkgs.
Cod-liver oil (Malta) 5 brls.
Copra 27,841 bgs.
Cream of tartar (It.) 200 brls.
Cumin-seed (Malta) 28
Drugs (Fr.) 8 cs., (Baltimore) 50 bxs.
Essential oils (N.Y.) 13 dms. 28 cs., (Sp.) 2 dms.
Fig syrup (U.S.A.) 4,500 cs.
Ginger (H.-Kong) 50 cs.
Glucose 1,020
Glycerin (U.S.A.) 20 dms.
G. chicle (N.Y.) 28 pkgs.
G. copal 154
G. damar 200 cs. 392 pkgs.
G. kauri 834 bgs.
Gums, undescribed (Fr.) 26 bls.
Honey (N.Y.) 48
Juniper-berr. (It.) 176 bls.
Liquorice (Fr.) 130 cs.
Liquorice - paste (Sp.) 225 cs.
Male-fern root (It.) 81 bgs.
Medicines (Boston) 30 cs.
Milk-powder 273 cs. 10 brls. 60 cks.
Milk-sugar (N.Z.) 60 cs., (N.Y.) 9 brls.
Nutmegs 202 cs.
Olive oil (Fr.) 1 ck. 39 cs., (Sp.) 365 brls. 100 cs. 25 pkgs.
Orris (It.) 61
Papain 20 cs.
Pepper 1,910 bgs.
Perfumery (Fr.) 38 cs.
Petrolatum 65 brls.
Quinine 55 cs.
Rhubarb 44 cs.
Roots, barks, herbs, etc. (Fr.) 134 bgs.; *seeds* 63 bgs.
Senna (Tv.) 639 bls., (P. Said) 70 bls. 10 cs.
Sesame-seed 12,250
Soy 100 brls. 100 cks.
Tartar (Fr.) 250
Tartaric acid (It.) 63 cks.
Thermos flasks (Kobe) 112 cs.
Thorium nit. (U.S.A.) 20 cs.
Turpentine (Sp.) 41 dms.
Urea 35 cs.
Valonea 90 bgs.
Vanilla 11 cs.
Verdigris (Fr.) 9 cks.
Wax, bees' (Sp.) 7, (Port.) 51
Wood oil 467 cs.

To Liverpool.

Ammonia anhyd. 200 cyl.
Antim. ore 1,366 bgs.
Arachis nut oil 4,000 cs.
Argol (Port.) 31 cks
Canary-seed (Sp.) 50
Carbolic acid 17 brls.
Castor oil (Madras) 127 cks. 214 brls., (Coconada) 84 cks.
Cedar oil (N.Y.) 80 crts.
Chewing-gum 375 cs.
Coconut oil (Cey.) 102 dms.
Cohune-nuts 156
Cream of tartar (Fr.) 74 cks.
Cubebs (R'dam) 10
Drugs (N.Y.) 557 pkgs. 7 cs., (Havre) 86 cs.
Drugs and medical stores (N.Y.) 752 pkgs.
Essent. oils (N.Y.) 10 pkgs.
Glucose 1,199 brls.
Glycerin (Port.) 51 brls.
Gums, undescribed (W.C. Af.) 115 pkgs.
Honey (Belize) 34 cs., (Chile) 352 brls.
Lanoline, anhyd. 6 brls.
Logwood 100 tons
Manganese perox. 203 bgs.
Nitrotoluol (N.Y.) 54 dms.
Olive oil (Sp.) 25 cks. 80 brls., (Fr.) 157 cs.
Palm-kernels 88,950 bgs. 67 tons
Palm oil 3,405 cks.
Peptone (N.Y.) 10 pkgs.
Perfumery 68 cs.
Petrolatum (N.Y.) 20 brls.
Potashes (Mont.) 11 brls.
Roots, barks, herbs, etc. (N.Y.) 23 bls.
Sarsaparilla 12 bls.
Shea-nuts 2,788
Soda caustic (N.Y.) 88 dms.
Soda nitrate 21,735 bgs.
Wax, bees' (Chile) 27, (R'dam) 36, (W.C. Af.) 299 pkgs.
Wax, candelilla (N.Y.) 22

To Bristol.—Kola (W.I.) 10 bgs.; lime-juice 23 pns. *To Fleetwood.*—Linseed (B. Aires) 33,244 bgs. *To Folkestone.*—Drugs (Fr.) 99 pkgs.; perfumed spirits (Fr.) 6 cs.; perfumery (Fr.) 98 pkgs. *To Goole.*—Aniline colours (Fr.) 269 cks. *To Grimsby.*—Ammon. nit. 124 cks.; dyes and colours (Fr.) 265 pkgs. 401 cks.; soda nitrite 80 cks.; tannic acid (Fr.) 6 brls. *To Hull.*—Ammon. perchlor. 245 cs.; black cohosh (N.Y.) 5; bromine (N.Y.) 122 cs.; chemicals (Fr.) 480 bgs.; dill-seed 337; glucose 597; ground-nuts 7,989 bgs.; gums, undescribed (W.C. Af.) 70 brls.; iodoform (N.Y.) 16 kgs.; linseed (E.I.) 42,358 bgs., (Russ.) 4,173; mustard-seed 460; oilseeds (W.C. Af.) 452 tons; palm-kernels 56,403 bgs.; quinine (Amst.) 85 cs.; rape-seed 51,276; potash carb. (Russ.) 679; senega 9 bls.; soda sulphate 40 kgs.; wax, bees' (W.C. Af.) 216 bdls. 712 blocks. *To Manchester.*—Acetic acid (N.Y.) 20 brls.; alcohol, wood (N.Y.) 2,375 dms.; aniline oil (N.Y.) 123 dms.; arachis oil (R'dam) 85 cks.; cream of tartar (Fr.) 84 cks.; dextrin (N.Y.) 7,055; dimethylaniline (N.Y.) 56 dms.; glucose 55; lead acetate 18; olive oil (N.Y.) 100 brls.; soda acetate (N.Y.) 140 brls.; soda caustic (Montreal) 400 dms.; tartaric acid (Fr.) 30 cks. *To Preston.*—Ammon. nitrate 192 cks.; calcium carbide 4,000 dms. *To Southampton.*—Aniline dyes (Fr.) 58 pkgs.; dye-stuffs (Fr.) 87.

LINSEED OIL.—At the present time there is some congestion in the Hull seed-crushing mills owing to heavy stocks of linseed oil, but the Explosives Department of the Ministry of Munitions has announced that free exports of this product will be permitted to our Allies and to countries outside Europe.

Correspondence

Letters for this section should be written on one side of the paper only. The writer may adopt an assumed name for purposes of publication, but he must in all cases furnish his real name and address to the Editor.

Eau de Luce.

SIR,—Will you permit me to make a little addition to the interesting note of "Xrayser II." upon this curious preparation, especially as Wootton's account of it is rather defective in one or two particulars, besides his overlooking the appearance of formulæ for it in the P.L. for 1788 and 1809? Wootton's information was pretty certainly obtained from Beckmann's "History of Inventions," but he overlooked Beckmann's clear statement that the best instructions for preparing Eau de Luce had been published by an Englishman, Robert Dossie, in 1758, in his "Elaboratory Laid Open." This is the earliest date that I have traced in connection with this name for the preparation. Dossie recognises that under the name of Eau de Luce it was a French preparation. He says "This process (one he has already set forth) for the Eau de Luce is, like most other of the French recipes for the preparation of singular medicines, very absurd and erroneous." He then proceeds to give a better method of compounding it. From his formula, and from the statements appearing in the various dispensatories published during the second half of the eighteenth century, it is clear that Eau de Luce was very little different from the *Spiritus Ammoniæ Succinatus*, to which many other similar names were given, and of which the composition varied very much. The essential constituents were amber and ammonia. This succinated solution of ammonia is much older than the name Eau de Luce. There is a formula for it in the Pharmacopœia Bateana (Shipton's), in 1688, and de Spina, in his Lexicon Pharmaceutico-Chymicum (1715), gives a recipe for *Spiritus Salis Ammoniaci Succinatus* taken from the Pharmacopœia Augustana, but the particular edition is not indicated. Thus it seems that it was a known preparation in the middle of the seventeenth century. I shall not be surprised to learn that there are older antecedents of it, seeing that the medicinal history of amber covers about a thousand years.—Yours faithfully,

Manchester. WILLIAM KIRKBY.

Pharmaceutical Education.

SIR,—The week before last "Xrayser II." outlined a method out of which, he was good enough to suggest, a way could be found by which the Pharmaceutical Society could rise to its responsibilities with regard to education. I had hoped to have seen some suggestions in last week's issue. As, however, the invitation was extended to any councillor with sufficient "vision" to fill in the gaps, it may be that diffidence is the reason for no replies from outside "the circle which blindly acquiesces in the permanent officials' and its small inner clique's policy" (your words, not mine, Mr. Xrayser). I happen to be one of the circle exercising my own right, and not in any way attempting to speak for the other members well able to reply in their own behalf.

This preamble upon my part is necessary, as I do not wish to pose as the one with the necessary "vision" to carry such a scheme through successfully. Having said thus much, I do believe that "Xrayser" and myself meet upon a common platform in the belief that any scheme which suggests (or has) possibilities for securing adequate recognition of the chemist, as also to bring his education up to present-day requirements, should not be allowed to fall flat for the want of earnest inquiry. I go a step further and state that some such scheme has been exercising my mind for some time, but I must also make the confession that my "vision" has not been powerful enough to see through the difficulties which arise. That the proposal is a good one will be conceded by most—the application is the difficulty. At the outset it brings one full tilt against certain vested interests, not all pharmaceutical. This is difficulty No. 1 to be overcome. Again, in London and the provinces there are polytechnics and technical schools which have science courses, which would be highly suitable provided that they were willing to adapt the same to the requirements for pharmaceutical training. Difficulty No. 2: Whether sufficient inducement could be held out by us both as regards numbers and payment to induce such a change. My third difficulty "Xrayser" is good enough to say could easily be overcome—viz., the affiliation of present

schools of pharmacy throughout the country to such a scheme. I am not so optimistic on this point, but I make the following suggestions, which "Xrayser" and others might comment upon:

That members of the craft be asked for constructive criticism in the columns of your paper.

That an attempt be made to formulate what should be the minimum of a training course.

That a decision should be arrived at as to what subjects should be studied and the time to be taken.

Then, when this practical side has been threshed out a little, that you invite a conference of suitable public chemists to meet you to endeavour to lick the suggestions into shape. Good could only come out of such a course. Should, however, public interest not be sufficiently keen, surely no harm could accrue. Once having settled our own practical side, then is the time to approach the L.C.C., the university, and kindred bodies with a view to discover whether existing agencies could be utilised or whether any new sort of organisation would be necessary. Having got thus far, it would soon be ascertained whether these bodies were willing to accept and upon what terms. By some such method, of which I have only for the present touched the fringe, I think a practical and workable scheme should be evolved.

And then I look with confidence to some one of the twenty councillors at the present led by the nose ("Xrayser's" verdict, not mine) to do his best to see the scheme through.

Yours truly, C. Goode.

6 Chrisp Street, E.

Drug Tariff for 1917.

Sir,—It does seem remarkable that the first intimation that the Tariff for 1917 will be little or no better than 1916 should emanate from a correspondent in last week's *C. & D.*—"Another Single-handed Chemist." I quite agree with him, but I do not agree with our officials keeping everything up their sleeves until we are told it is too late. It is no use to rely upon arbitration between our officials and the Insurance Commissioners: we have already had evidence of that in the story about establishment-charges at the last conference of delegates. There is only one remedy—the formation of a Chemists' Union—then there is a possibility of Mr. Lloyd George settling the difference. What is wanted is reorganisation and redistribution of capital. I would suggest to break up the present useless Associations, and have only two Associations for London, one the north and the other the south side of the Thames.

Panel Chemist. (87/13.)

Sir,—"Another Single-handed Chemist" is right in stating that if the professional chemists went off they would not be missed. They grumbled so much about the poor pay before 1916 that the N.H.I. people altered it with the help of the doctors (so they told me). I know one who never dispensed a script unless it was worth a shilling, and now I am dispensing two weeks' medicine (forty-eight doses) for less than threepence. These are the facts the Commissioners ought to have pointed out to them, and, don't forget, we are going to be harassed by the Food and Drugs Act people. I should like to know how any man can guarantee strict accuracy when he has often all the work to do at top speed late at night, together with his busy retail (often because the doctor starts work an hour late), and cannot afford an assistant. As it is now, wives, children, servants, and boys are all pressed into the service to make a "do of it." Of course the back-street man is glad to earn an honest brown: we can't all be in Belgravia. We are too busy to raise our voices, and, as far as I can see, we shall not have time this year.—Yours,

G. H. T. (87/89.)

Subscribers' Symposium.

For interchange of opinion among "C. & D." readers, and brief notes on business and practical topics, especially new ideas.

Egg-eating Hens.

"As a pharmacist who keeps fowls I have been bothered with egg-eating hens, and have tried all manner of things suggested—cayenne, etc.; but an expert in 'Poultry' recommends a shell full of paraffin, which acts in the way needed, and is simple and not expensive."—*Ph.C.* (97/41).

That Hour!

(Summer-Time Act Effluxion, 1916.)

Why add an hour when I'm abed?
I'd sooner far, whilst at a bar
Of Justice, hear the sentence read—
"One hour!"

Or at another bar, some fain
Would gladly hear, from serf or seer,
An echo of that sweet refrain—
"One hour!"

When minutes are so very few
To catch a train or 'bus detain,
A questioned boon would be, 'tis true—
"One hour!"

So let me have, when seated snug
With Phyllis Clare (I hardly dare
To measure time!), another snug—
"One hour!"

When in Examination Hall
I rack my brain to keep quite sane,
Voice no expostulating bawl—
"One hour!"

Where should I be had I the choice
Of hour and place? I'd have the grace
To claim, at home, when I'm "in voice"—
That hour!

A. E. W. (63/73).

Legal and General Replies.

Subscriber (87/11).—As your pill weighs about five grains, and contains only one-fortieth grain of extract of coca (the alkaloidal value of which rarely exceeds 2.5 per cent. of cocaine), it contains less than 1 in 1,000 of the alkaloid, therefore is exempt from the cocaine restriction.

J. W. (85/47).—(1) Registered dentists are authorised persons under the Cocaine and Opium Regulation, and chemists and druggists may supply them with cocaine and its preparations. (2) A chemist and druggist may supply a preparation of cocaine containing less than 0.1 per cent. of the alkaloid without regard to the Regulation, but in conformity with the provisions of the Poisons Acts.

A. G. V. (183/9).—(1) Pharmacy in Turkey.—See *C. & D.*, April 22, p. 88. (2) Sweet Oil is either olive oil or colza oil, the latter being, most probably, the article used for removing rust.

Skipper (86/28).—There is no special demand at present for dispensers either in the Army or Navy. Any local recruiting-office will be able to give you further information, and the addresses of the medical departments of the Army and Navy will be found in the *C. & D. Diary*, pp. 184-5.

Retrospect of Fifty Years Ago.

Reprinted from "The Chemist and Druggist," Sept. 15, 1866.

B.P.C.

Use of Methylated Spirit in Medicine.

In the course of the sitting Mr. R. W. Giles, of Clifton, read a paper "On the Relations of Pharmacy to the Revenue," in which he animadverted on the recent Excise prosecutions, and clearly showed that in some cases the proceedings of the Excise officers had been unjustifiable. After some discussion the following resolutions were adopted:

Proposed by Mr. Reynolds (Leeds) and seconded by Mr. Jones (Leamington)—

"That this meeting has had under its consideration the subject of the use of methylated spirit in medicine, in connection with the recent changes of the law prohibiting the same for medicines intended for internal use. It records its conviction that great injury has happened to the best and permanent interests of the drug trade by the introduction of this compound, devised as it was for totally different purposes, and views with satisfaction the limitation of its use now imposed by Parliament. With a knowledge of the many devices by which methylated spirit has been brought into unfair and underhand competition with pure and duty-paid spirit, this meeting regards with much apprehension the attempts which are likely to be made to evade the new law, and trusts that the Board of Inland Revenue will vigilantly guard against such evasion."

Proposed by Mr. Reynolds and seconded by Mr. Schaeht (Clifton)—

"That this meeting desires to lay before the Board of Inland Revenue its opinion that the virtual breakdown of the system by which the use of methylated spirit has hitherto been regulated urgently demands that some new plan should be devised for more securely preventing the conversion of a duty-free spirit into an imitation of pure spirit on which duty has been paid."

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Quinine Hydrobromas, B.P., 25 oz. @ oz.; 10 oz. @ oz.
Quinine Hydrochlor., B.P., 25 ozs. @ 3/10 oz.; 10 ozs. @ 4/- oz.
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Rad. Rhei. E.I. Trimmed, 7 lbs. @ 5/3 lb.; 1 lb. @ 5/9 lb.
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Soda Sulphocarbolas, B.P., 7 lbs. @ 4/- lb.; 1 lb. @ 4/3 lb.
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* ,, Ferri Iodid. P.B., 7 lbs. @ 1/7½ lb.
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* ,, Scillæ, P.B., 7 lbs. @ 7½d. lb.
* ,, Sennæ, P.B., 7 lbs. @ 1/- lb.
Simplex, 7 lbs. @ 6½d. lb.
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*Tinct. Benzoini Comp., P.B., 5 lbs. @ 4/6 lb.
*Tinct. Camph. Comp. P.B., 5 lbs. @ 3/1 lb.; Aquos, 1/3 lb.
*Tinct. Cantharidis, P.B., 5 lbs. @ 4/10 lb.
*Tinct. Capsici, B.P., 5 lbs. @ 3/3 lb.; Aquos, 11d. lb.
*Tinct. Card. Comp., P.B., 5 lbs. @ 2/8 lb.; Aquos, 1/- lb.
*Tinct. Catechu, P.B., 5 lbs. @ 3/- lb.; Aquos, 1/1 lb.
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*Tinct. Cinchon. Comp., B.P., 5 lbs. @ 3/8 lb.; Aquos, 1/3 lb.
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*Tinct. Gentianæ Comp., B.P. 5 lbs. @ 2/5½ lb.; Aquos, 1/1 lb.
*Tinct. Hyoscyam., B.P., 5 lbs. @ 4/5 lb; Aquos, 1/10 lb.
*Tinct. Iodi., B.P., 5 lbs. @ 5/6 lb.; Fort. @ 7/- lb.; decolor., 5 lbs. @ 5/7 lb.
*Tinct. Lavandulæ Comp., B.P., 5 lbs. @ 4/9 lb.; Aquos, 1/1 lb.
*Tinct. Myrrhæ. B.P., 5 lbs. @ 4/7 lb.
*Tinct. Nucis Vom., B.P., 5 lbs. @ 3/8 lb.; Aquos, 1/4 lb.
*Tinct. Opii, B.P., 5 lbs. @ 6/- lb.
*Tinct. Opii Aquos, 5 lbs. @ 4/2 lb.
*Tinct. Quininæ Amm., B.P., 5 lbs. @ 3/4 lb.
*Tinct. Rhei Co., B.P., 5 lbs. @ 2/5½ lb.; Aquos; 1/1 lb.
*Tinct. Scillæ, B.P., 5 lbs. @ 2/11 lb.; Aquos, 11d. lb.
*Tinct. Senegæ, P.B., 5 lbs. @ 3/8 lb.; Aquos, 1/6½ lb.
*Tinct. Strophanth., P.B., 5 lbs. @ 4/5 lb.
*Tinct. Valerianæ, 5 lbs. @ 3/5 lb.; Aquos, 1/2 lb.
*Tinct Valerianæ Ammon., P.B., 5 lbs. @ 3/10 lb.; Aquos, 1/4 lb.
*Tinct. Zingib., P.B., 5 lbs. @ 4/10 lb.
*Tinct. Zingib. Fortior., 5 lbs. @ 5/2 lb.
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,, Hydrargyri, B.P., 28 lbs. @ 2/11 lb.; 7 lbs. @ 3/1 lb.
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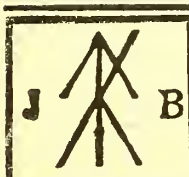

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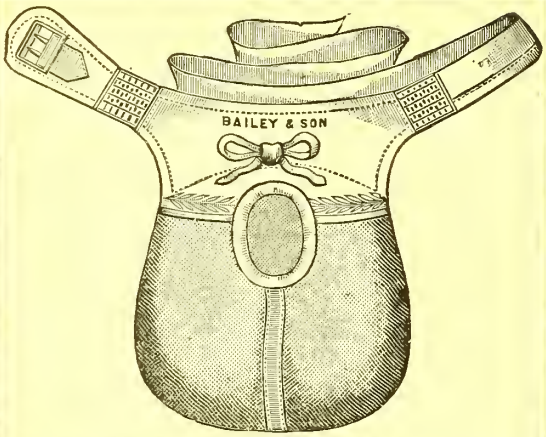

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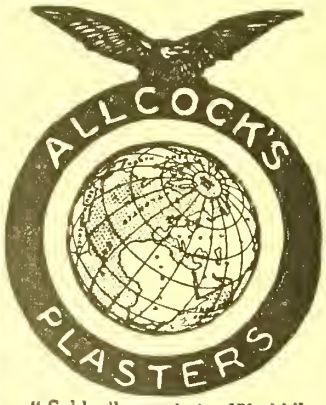

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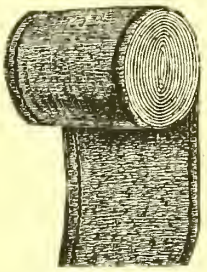

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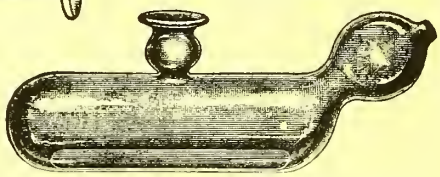

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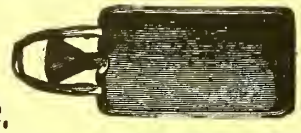

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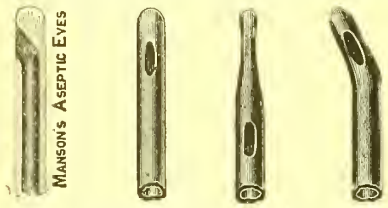

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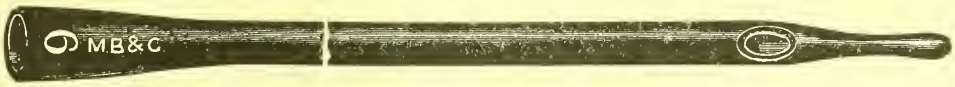

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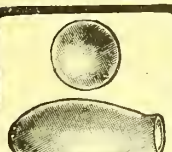

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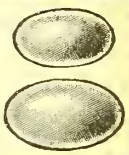

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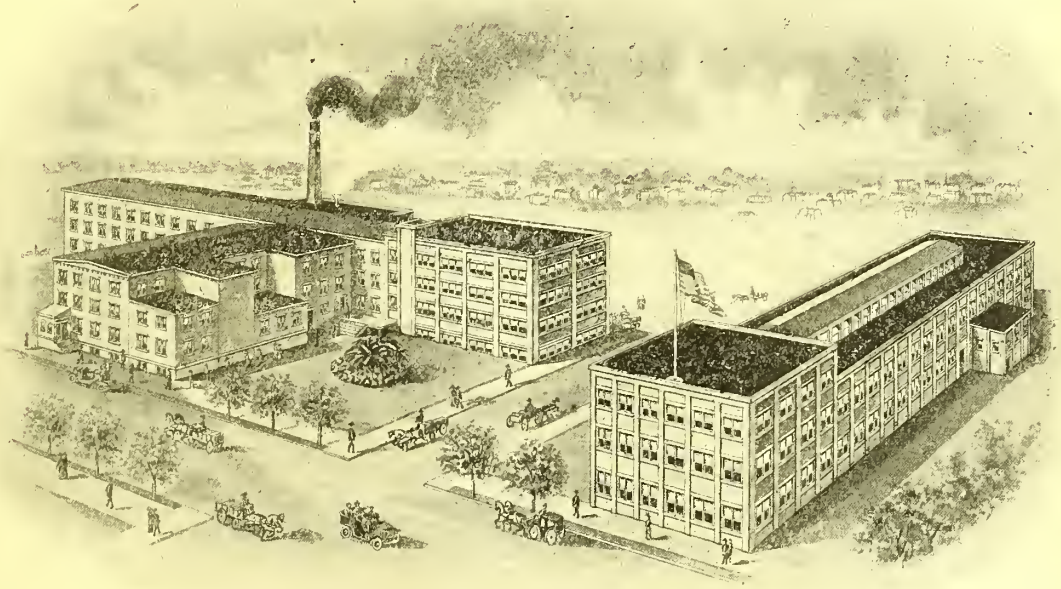


FACTORY: GENEVA, NEW YORK.

Beg to call the attention of British and Colonial Opticians to their "Stoco" Optical Productions, and to enumerate :: a few of the lines at the disposal of their clients. ::

¶ SPECTACLE AND EYEGLASS FRAMES AND MOUNTINGS in Gold, Rolled Gold, Silvaline (Regd.), and Steel. The quality, design, and finish of these goods is unsurpassed.

¶ LENSES of all kinds, edged and unedged, produced by America's latest lens factory.

¶ MACHINERY.—Well-known and justly famed in prescription shops throughout the world.

¶ CASES.—We are Sole Agents for the Farrington Manufacturing Co., of Boston, whose "Texol" imitation leather covering is superior to leather itself, and may be had in an attractive variety of grains and colours.
We also have a full range of real leather and silk covered cases, together with Aluminium and White Metal in choice designs.

¶ CHAINS.—Our Chain line (J. F. Sturdy's Sons Co.) is unique, and it will pay you to communicate with us, if for this line alone.
We invite your inquiries concerning the above, as well as many other lines carried by us.

JUST ONE WORD MORE.—Send for sample of our "STANDWEAR" Fingerpiece Mounting, it has many special features which will appeal to you.

59-62 Hatton Garden, LONDON, E.C.

Telephone: Mayfair 5015. Telegrams: "Croybelaco London."

JOHN BELL & CROYDEN, Ltd.

Chemists, Analysts, and Surgical Dressings Manufacturers,

50 WIGMORE STREET, LONDON, W.

IODINE CAPSULES.—For skin and wound sterilisation.
STERILAQUA.—A pure water doubly distilled and sterilised for hypodermic and other work requiring the purest water possible.
NORMAL SALINE.—Prepared with Sterilaqua for Salvarsan solution.
TAMPONS.—For vaginal medication and variæ.
IODINE DRESSINGS.—A composite sterile dressing, which, in contact with a wound, evolves iodine.
RIMINI-BURNAM AMPOULES.—To detect formaldehyde in urine following administration of hexamine and its compounds.
ETHYL IODID. COMP. CAPSULES.—For spasmodic asthma, angina pectoris, and bronchial affections.
STOVAINE AMPOULES (Barker's Formula).—For spinal anæsthesia; as supplied by us to the India Office.
NOVOCAIN and ADRENALIN AMPOULES.—A useful combination for local anæsthesia.
FIRST-AID DRESSINGS.—A convenient form of dressing for self-application.
CATHETERS. — All sizes and shapes in gum-elastic; rubber-cylindrical.

Price List on Application.

A. MILLAR & CO., Ltd., DUBLIN

PURE ORANGE WINE

(VINUM AURANTII B.P.) Prepared in strict accordance with the Formula of the British Pharmacopœia. (Wholesale only.)

London Agent: JAMES STIRTON, 43 GREAT TOWER STREET, E.C.

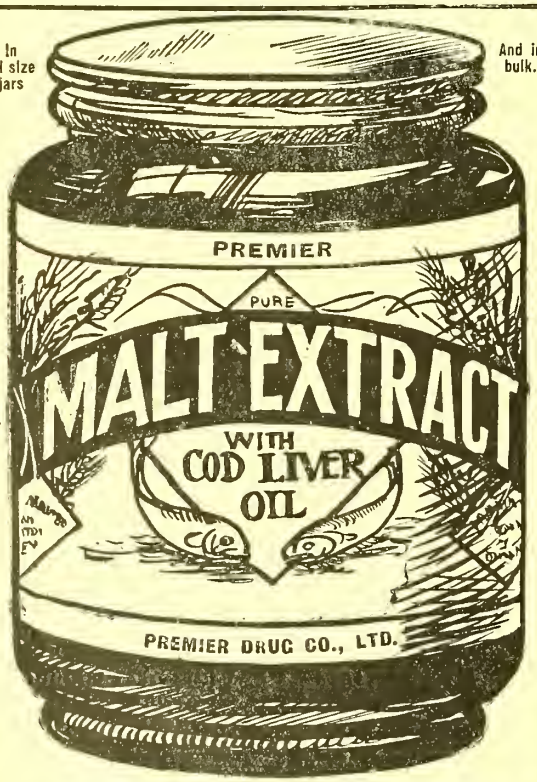
BOXES For the Chemist . . . . For the Druggist and Sundriesman BOXES

Any Size; any Quantity. One Quality only—**THE BEST.**
Send us your Samples or Sizes and we will quote you by return.

J. DAVIDSON & CO., 98 SHEPHERDESS WALK, CITY ROAD, LONDON, N.

In all size jars

And in bulk.



INVITE INQUIRIES. LOWEST RATES.
WHOLESALE AND RETAIL.

PREMIER DRUG CO., Ltd. 29 Cannon St., MANCHESTER

P. H. MILNE COMPANY

MAKE

SAMBUCI

HEALING OINTMENT

AT

169 Brixton Rd., S.W.

BRITISH MADE

SCENT SPRINKLERS
COLLAPSIBLE TUBES
Decorated Tin Boxes & Canisters

Manufactured by

The JOHN DALE Mfg. Coy.,
NEW SOUTHGATE, LONDON, N.

GÉRAUDEL'S PASTILLES

The most popular and best selling Pastilles in the World.

Showcards on Application.

These Pastilles are most delicately and carefully prepared from Norwegian Pine Tar, and afford instant relief to

SORE THROAT, COLDS, COUGHS, BRONCHIAL AFFECTIONS, &c.

MINIMUM RETAIL PRICE, 1s. 3d. PER BOX.

JÉCOL

A complete treatment for all Liver Disorders.

CHOLAGOGUE. TONIC. DIURETIC. ANTITOXIC.

MINIMUM RETAIL PRICE, 3s. 3d. PER BOX.

GÉRAUDEL'S PASTILLES & JÉCOL AFFORD VERY REMUNERATIVE PROFITS TO THE TRADE.

Prepared by A. GÉRAUDEL, Ste. Menehould, Marne, France.

BOTH THE ABOVE SPECIALTIES MAY BE OBTAINED THROUGH THE WHOLESALE HOUSES.

Agents: **GILBERT, KIMPTON & Co.,** Peninsular House, Monument St., LONDON, E.C.

THE

PACKING CASE PROBLEM

Shortage of timber, lack of space, the "returned empties" difficulty all

SOLVED

by the adoption of the

FIBERITE PACKING CASE

A strong Fibreboard Container, the first to be introduced into this country. For all but very heavy weights this is the ideal method of packing.

SPACE IS SAVED

because these cases are packed flat and only occupy one-tenth the warehouse room of made-up cases.

CARRIAGE IS SAVED

because they are lighter than wood.

CLAIMS ARE SAVED

because the special sealing prevents concealed pilferage.

MANY OTHER ADVANTAGES

which cannot fail to appeal to you, one only we add—it looks good.

N.B.—Fiberite Cases meet the requirements of the Railway Regulations.

WATERPROOF REGISTERED FIBERITE TRADE MARK PACKING CASE MADE BY THAMES PAPER CO. LIMITED. PURFLEET ENGLAND ECONOMICAL CONVENIENT

Write To-day, to

THAMES PAPER CO. Ltd.
PURFLEET, ESSEX

Saint-Raphael

Tonic, Restorative, Digestive Wine.

Known throughout the World and prescribed in all cases of ANÆMIA, DEBILITY, and CONVALESCENCE, to Young Women, Children, and the Aged.

DOSE: One Wine-glass after the two principal Meals.

Recommended by—
Prof. BOUCHARDAT, Professor of Hygiene, Paris Faculty of Medicine.
Dr. MacNAUGHTON JONES, London, England.

"For more than thirty years St. Raphaël Wine has been exclusively prescribed, with success, in the Paris hospitals as a pure tonic, by eminent physicians, such as Magendie Rostan Chomel, Velpeau, Requin, Monneret, Trousseau, Grisolle, Laënnec, &c."—*Union Médicale*, May 8 and June 12, 1873.

"The 'Vin de St. Raphaël' is often used for ladies nursing their own children; it is preferable to stout, which creates an unhealthy fat."—*The Lancet*, London, England.

"St. Raphaël Wine is most precious in all cases where it is necessary to give tone to the system, without effort or shock."—Dr. C. Des Barres.

Cie du VIN SAINT RAPHAEL, Valence, Drome, FRANCE.

To be obtained from all Wholesale Druggists.

FINEST QUALITY

MILK POWDER. CASEIN.

Inquiries and Orders Solicited.

PRIDEAUX'S LTD., DEPT. C, MOTCOMBE, DORSET.
LONDON OFFICE:
10 HOP EXCHANGE, Southwark Street, S.E.

KRASKA

THE QUEEN LIQUID
:: NAIL POLISH ::

Highly Profitable.

Sold at all Wholesale Houses
8/3 11/- 16/6
Per Dozen.

Retailing at
1/- 1/6 2/6
Per Bottle.

Applications for Agencies invited.

The Kraska Co., Ld.
7 Blenheim St., LONDON, W.

IN KHAKI

Most of the Chemists' Assistants, and in many cases the Chemists themselves, have left their business to don the Khaki and beat the Germans.

Business under War Conditions is getting more difficult every day; hence we remind you that in Rat Exterminators there is none so efficacious and profitable as

"RODINE"

It gives 5½*d.* clear profit on every 1/- tin sold; besides ensuring a satisfied customer. Showcards make good assistants that sell the goods. Write to the Maker—

HARLEY, Manufacturing Chemist, **PERTH, Scotland.**

EXPORT AGENTS:
TOZER, KEMSLEY & FISHER, LTD.,
84 Fenchurch Street, London, E.C.

DANYSZ VIRUS

Is on the P.A.T.A. LIST.

Retail Prices
2/- Per Single Tube
5/- For Three Tubes

LEAVE YOU A **PROFIT of 75% and 50%** RESPECTIVELY.

LIQUID VIRUS for large applications at 6/- per quart bottle, making about 5 lb. of bait.

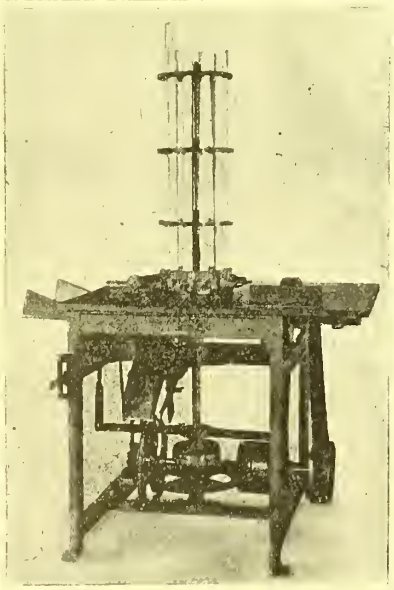
SHOWCARDS.—Dummy Boxes, Clockwork Cats for Window Display, Circulars, Postcards, &c., on application.

Through your Wholesale House, or direct from
DANYSZ VIRUS, LTD.,
(Dept. G A), 52 Leadenhall Street, LONDON, E.C.

SURGICAL BANDAGE MACHINERY

Complete Plant for Making Bandages.
CLOTH ROLLING & MEASURING MACHINE.
BANDAGE PAPERING MACHINE.
BANDAGE CUTTING MACHINE.

BANDAGE CUTTING MACHINE

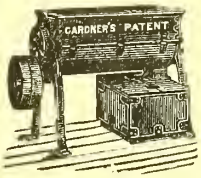


CUTS — 66 — BANDAGES PER MINUTE

Prices and Particulars on application to Patentees and Manufacturers
THOMSON-KNOX COMPANY 8-12 Maxwell Street, GLASGOW.

GARDNER'S PATENT

"RAPID" SIFTERS & MIXERS



OVER 4,000 working in almost every Trade where POWDERS are Sifted and Mixed and Lumps Reduced, all being done at one operation and without loss by dust

FOR HAND OR POWER.
From 55/- to £90.
CATALOGUES FREE.

WM. GARDNER & SONS, Engineers, GLOUCESTER.

"PRANA" SPARKLETS

PRESENT PRICES TO THE PUBLIC:

"C" size Syphon - - 5/6. "B" size Syphon - 4/-
"D" Bulbs (per dozen) 2/6 "B" Bulbs (per dozen) 1/8

"D" BULBS REFILLED AT 1/9 PER DOZEN.

(N.B.—B Bulbs can for the present be supplied for Military and Red Cross Hospitals.)

IMPORTANT NOTICE TO THE TRADE.

¶ Every empty "D" Bulb returned to be re-filled saves the making of a new Bulb at our Works, and consequently economises both time and material for the production of ammunition.

¶ THE TRADE IS URGENTLY REQUESTED TO ASSIST US IN SUPPLYING MILITARY REQUIREMENTS BY FORWARDING TO OUR WORKS AT ONCE ALL EMPTY "D" BULBS RETURNED BY USERS IN EXCHANGE FOR NEW ONES, & BY REMINDING CUSTOMERS THAT THESE EMPTY BULBS ARE WORTH 9d. DOZ.

¶ As the manufacture of "Prana" Sparklets is necessarily of secondary importance during the War —except for the needs of the British Expeditionary Forces and Red Cross Hospitals—the general requirements of the Trade this Summer can only be met by the co-operation of the Trade itself in returning as many empty "D" Bulbs as possible, without delay.

AERATORS LIMITED

"Prana" Sparklet Works, Upper Edmonton, N.

We want 500 Window Displays

With an order for 1 gross of Ayrton's Tablets we will give the magnificent display material illustrated on this page.

With an order for 2 gross we will give this display, plus a window poster written to fit across the top of your window, two small Tables (6 inches high) and two Easels. A cup and saucer placed on each table is a big attraction in the window.

The big demand for Ayrton's Tablets will be largely increased by the advertising campaign due to begin at the end of this month. The centrepiece of our illustration bears a picture which will appear over our advertisements in the big popular dailies, and thus connect the window display with the newspaper announcements.

CURRENT PRICE LIST.

AYRTON'S TEA, SUGAR AND MILK TABLETS.
P.A.T.A. Retail **7½d.** Wholesale **72/-** per gross.

AYRTON'S COCOA, SUGAR AND MILK TABLETS.
P.A.T.A. Retail **8½d.** Wholesale **81/-** per gross.

AYRTON'S COFFEE, SUGAR AND MILK TABLETS.
P.A.T.A. Retail **10½d.** Wholesale **96/-** per gross.

AYRTON'S TEA TABLETS (Plain). P.A.T.A. Retail **7½d.** Wholesale **72/-** per gross.

AYRTON, SAUNDERS & CO., Ltd., *Wholesale Druggists,* **LIVERPOOL**

London Agent holding stock : Mr. J. E. GARRATT, 96 Southwark Street, London, S.E.

INGRAM'S

TRADE "Eclipse" MARK

REGD

HOT WATER BOTTLES

FITTED WITH INGRAM'S "ECLIPSE" STOPPER.
GUARANTEED NOT TO SLIP OR LEAK.

BRITISH MADE
BY
EXPERT BRITISH LABOUR

Size, inches	... 10x6	10x8	12x6	12x8	12x10	14x8	14x12	16x12
Approx. weight, ozs.	10½	11½	11½	12½	15	14½	18¾	21¼

Guarantee

Ingram's "Eclipse" Hot Water Bottles are personally examined and tested under strict supervision as to the Quality of Rubber, Workmanship, etc. and we assure our patrons that with careful use in any climate, and storage under favourable conditions, these high-grade quality "Eclipse" Hot Water Bottles are warranted to give entire satisfaction, and will remain in a perfect state for a number of Years.

THE "ECLIPSE" HOT WATER BOTTLE IS EMBOSSED WITH THE FACSIMILE TRADE MARK AS ABOVE, WHICH IS A GUARANTEE OF QUALITY.

MADE IN ALL SIZES, and can be supplied with Jug or Loop handle, and fitted with Ingram's "Eclipse" Stopper, which is Guaranteed Not to Slip or Leak. This Stopper can be supplied with Cockburn's pattern attachment if desired.

PRICES OBTAINABLE AT ALL WHOLESALE HOUSES.

MANUFACTURERS— Ingram's LONDON

SMILING CHEMISTS EVERYWHERE

ARE SELLING

BISURATED MAGNESIA —LAVONA HAIR TONIC —BITRO-PHOSPHATE

They have cause to smile, for the articles are good—each the very best in its class—and

1. The sale is forced by continuous advertising,
2. There is a generous margin for profit,
3. The goods are supplied on Guaranteed Sale terms,
4. The goodwill of every purchaser is assured, for every package is accompanied by the manufacturers' guarantee of

Satisfaction or Money Back.

If you are not already stocking these three satisfaction-giving lines, we should like to hear from you.

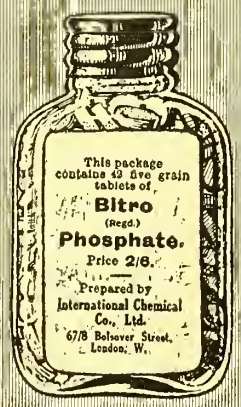
Write us to-day, or, better still, place a trial order for a small quantity of each on our guaranteed sale terms.

There are many reasons why you should.

Price Lists, Showcards and Literature free on request.

Address :—

The International Chemical Company, Ltd.,
7 Wybert Street, London, N.W.
England.



May, Roberts' Traveller.

4023 CITY. SEPTEMBER 30, 1916. LONDON & DUBLIN.

THE WINTER.

TRENCHMAN BELT

The enormous success of the ordinary Trenchman Belt has suggested the advisability of introducing a variation for the Winter months, which, in addition to

PREVENTING BODY VERMIN,

will safeguard the wearer against

COLDS AND CHILLS.

The Winter Trenchman Belt is made of Grey Angola Welsh Flannel, with whalebone supports, and is adjustable to any size waist.

Retail Price –	**1/6** each.
Wholesale Price – – –	**13/6** per dozen.
3 dozen lots – – – –	**13/–** ,,
6 dozen lots – – – –	**12/6** ,,

Less 5% discount.

MAY, ROBERTS & CO., Ltd., 7/13 Clerkenwell Rd., LONDON, E.C.

And at 16 WESTMORELAND STREET, DUBLIN.

THE CHEMIST & DRUGGIST SUPPLEMENT.

OFFICE: 42 CANNON STREET, E.C. SATURDAY, SEPTEMBER 30, 1916.

TO ADVERTISERS IN THIS SUPPLEMENT.

The Publisher desires to make it clear that advertisements of Businesses for Disposal and Wanted, Situations Open and Wanted, Exchange Column, &c., **MUST BE PREPAID** (except in the case of serial advertisers), and to ensure prompt insertion

REMITTANCES MUST ACCOMPANY INSTRUCTIONS.

Advertisements for the current issue cannot be received after 4 p.m. on Thursday in each week. If it is necessary to telephone or telegraph an urgent announcement this may be done

PROVIDED the MONEY is TELEGRAPHED

at the same time and the fact made clear that the money order is to be delivered at 42 CANNON STREET, LONDON, E.C. Advertisers will assist greatly in the preparation and quick despatch of the Supplement by making careful note of these rules. **Telephone: No. 3617 Central (3 lines). Telegraphic Address: "Chemicus Cannon London."** (Three words counted as two.)

BEST RESULTS EVERY WEEK!

There is no need to guarantee the genuineness of the advertisements in 'The Chemist & Druggist Supplement.' Everybody in the drug-trade knows that only *bona-fide* paid-for advertisements are inserted. The 'Chemist & Druggist Supplement' knows no dead-heads, for it gives

THE PUBLICITY IT PAYS TO PAY FOR.

CHEMISTS' TRANSFERS.

Messrs. ORRIDGE & CO., 56 Ludgate Hill, E.C.

Telephone Number: City 2283.

May be consulted at their Offices on matters of SALE, PURCHASE, and VALUATION.

1.—WEST MIDDLESEX.—Retail and Dispensing; very profitable middle-class Business; returns £1,500; will bear the fullest investigation; modern-fitted shop, with residence; terms, valuation and small premium for lease and goodwill.

2.—LONDON (Western Suburb).—For Disposal, through death. Cash Retail Business; well situated; comfortable residence; rent £32; capital opening for a man with small capital; about £100 required to purchase.

3.—OXFORD STREET (Near).—(Death Vacancy).—Good-class Business; no immediate opposition; returns £1,000 yearly; *net profit* £300; modern, well-fitted shop; price £750.

4.—KENT (Suburban).—Middle-class Retail and Dispensing Business; no N.H.I.; returns £900; *net profit* £249; comfortable residence; moderate rental; price £275 on entry and balance, £175, by instalments; full investigation courted.

5.—LONDON, S.E.—Middle-class Business, chiefly ready money; gross receipts between £900 and £1,000; *net profit* £250; valuation terms entertained; worth attention.

6.—HARROW.—Retail and Dispensing; returns £600; *net profit* £200; easy rental; premiums held on lease; a pushing man with about £200 at command will find this a good investment.

7.—HYDE PARK (Near).—Dispensing and Retail Business; returns between £1,100 and £1,200 per annum; *gross profit over* £650 (proof given); for a prompt transfer vendor is willing to make some sacrifice.

8.—SOUTH COAST (High-class Watering-place; Death Vacancy). Dispensing and Retail Business, including Optical; returns between £1,400 and £1,500, present rate less; *profits above the average of Retail trade*; about £1,000 required.

9.—HOME COUNTY.—Good-class Retail and Dispensing Business; returns about £1,100; *net profit between* £250 *and* £300; good position, near Railway Station; price about £700.

10.—HUNTS.—Unopposed Business; returns £825; *good profits*; comfortable residence, with bathroom and offices, flower and kitchen gardens; rent £25; price £400.

11.—BRISTOL CHANNEL.—Retail and Dispensing, together with Wines; returns £1,500; excellent premises, situate in main thoroughfare; vendor desires to take up an appointment, and for a quick sale will accept the value of stock and fixtures.

12.—HANTS.—Very old-established Business, Retail and Dispensing; returns about £900; *net profit* £300; good residence; price £450.

13.—SUSSEX.—Retail and Dispensing Business, of good class; village in midst of glorious country; returns about £850, at good prices, and increasing steadily; comfortable residence, with private entrance; nicely fitted and well stocked; further details on application.

14.—INLAND HEALTH RESORT.—Dispensing and Retail; all good middle-class trading; returns upwards of £3,000 yearly; vendor would entertain a partnership with a view to the incomer taking up the whole within a given period.

VALUATIONS FOR STOCKTAKING.

Messrs. O. & Co. desire to emphasize the necessity of a Periodical Statement of Account, by which means alone **Profit, the value of Business, &c.**, can be determined. Involving as this does the labour of Stocktaking and Valuation, it is often omitted, and eventually becomes the cause of **confusion and loss.**

Messrs. O. & Co. are prepared to undertake these essential duties, and will make **Special Terms** for such services.

ORRIDGE & CO., 56 LUDGATE HILL, LONDON, E.C.

PARSON C. BAKER

Pharmaceutical Chemist,

TRADE VALUER AND TRANSFER AGENT.

Recommended by British Drug Houses, Ltd.: Meggeson & Co.: Barclay & Son.
Tel. No.: FINCHLEY 812.

Valuer to the Association of Manufacturing Chemists, Ltd.

VALUATIONS, ESTIMATIONS, EXAMINATIONS, AND FULL REPORTS, Town or Country, on moderate Terms.

No charge whatever to vendors or purchasers except by agreement.

Personal Attention. 40 years' Valuation Experience.

Immediate Sale.—Old-established good dispensing business. Fashionable residential district. West End. Advantageous terms. New Lease.

CORRESPONDENCE INVITED.

1 MOUNTFIELD RD., CHURCH END, FINCHLEY, N.

THOS. TOMLINSON & SON

CHEMISTS' VALUERS, TRANSFER AGENTS, AND EXPERT STOCKTAKERS,
45a MARKET STREET, MANCHESTER.
ESTABLISHED OVER HALF A CENTURY.
Telegraphic Address: "Tomtom."

We desire particularly to draw the attention of Colonial and Foreign Subscribers to the fact that in cases where they require partners, agents or assistants, or wish to sell their businesses, an advertisement in this Supplement, placed in every copy of "The Chemist and Druggist," should be the readiest means of helping them to attain their object. The tariff for such announcements is given under the appropriate headings in the Supplement. Instructions and remittances can be sent to us direct or through the advertisers' correspondents in this country.

BERDOE & FISH

VALUERS & TRANSFER AGENTS,

35 Jewry Street, Fenchurch Street, City.

Telephone: 1809 CENTRAL.

NO CHARGE TO PURCHASERS.

1.—WEST OF ENGLAND.—Old-established, good-class Country Retail, with Mineral Waters; returns over £4,000, at good profit; splendid position; market town; fine premises; owner retiring; price £2,700; splendid chance for two smart men.

2.—BANKS OF THAMES (Death Vacancy).—Good-class Chemist's Business, with Optics; returns last year over £1,850; good profits; attractive, well-fitted shop, fine position, and fully stocked; scope for increase; price about £1,000, bare valuation.

3.—SOUTH COAST.—First-class Retail and Dispensing Business, with scope for large increase; commanding position; low rent; elegant fittings and good stock; owner retiring through old age; valuation only required, £700 to £800; fine opportunity for a smart Pharmacist; personally inspected and recommended.

4.—CARDIFF.—Good middle-class Cash Retail; increasing returns over £1,400; net profit about £400; large house and garden; heavily stocked shop; main-road position; valuation only required, about £800.

5.—SUSSEX COAST.—Well-established Light Retail, Dispensing, and Prescribing Business in rising seaside resort; returns about £650; good profits; splendid house; attractive Pharmacy; price only £250; worth attention.

6.—LONDON, N.W.—Good-class Family Retail, no Photo or Optics; same hands many years, retiring; returns about £1,150; good profits; splendid stock; pleasant locality; price £700.

7.—NORTH LONDON.—Good middle-class Retail; pleasantly situated; returns £850; attractive shop; good stock; price £300 or valuation; personally inspected and recommended.

STOCKTAKINGS.

Appointments for stocktakings and valuations should be made early. Full particulars and terms sent on application.

Why you should have stock taken is very clearly defined on page 135 of the *C. & D. Diary* for this year. Have you read it?

BUSINESSES FOR DISPOSAL.

3s. 6d. for 50 words or less; 6d. for every 10 words or less beyond, prepaid.

The **Advertiser** may, if preferred, have replies addressed to this Office, and forwarded on payment of an additional charge of **6d.**

Price-lists, trade circulars, samples, and printed matter can in no case be forwarded, the Box numbers being intended exclusively for specific answers to particular advertisements. The Publisher reserves the right to open and refuse to forward any communications received which he may consider contrary to this rule.

A SUBSTANTIAL AND PROFITABLE

LIGHT RETAIL CASH BUSINESS FOR SALE

IN A LARGE TOWN IN LANCASHIRE.

Excellent returns. Chartered Accountants' figures.

This business is strongly recommended by the Proprietor, who established it 28 years ago and is now retiring. Cash required about **£1,500.** Full particulars furnished on receipt of Bankers' references.—Address "H.," c/o Messrs JAS. WOOLLEY, SONS & CO., LTD., Victoria Bridge, Manchester.

BRADFORD.—Old-established Light Retail Drug Business for Disposal at once; main thoroughfare, near Town Hall; reason, age and illness; good opening for Panel. Particulars from "S. H.," 113 Bridge Street, Bradford.

LONDON, S.W. Suburb.—Drug Stores; a sound and up-to-date stocked little Business; nice shop and house, side entrance; let off £16 per annum; valuation stock and fixtures; good investment; sacrifice; illness cause of sale. 199/16, Office of this Paper.

NOTTINGHAM.—For immediate Sale, at a low price, owing to illness, a Homœopathic Chemist's Retail Business; established by its present owner 35 years. Apply to Messrs. Johnstone & Williams, Solicitors, 6 Weekday Cross, Nottingham.

SHEFFIELD.—Sound Business; established 20 years; densely populated working-class district; owner compelled to leave through other interests; main road; rent £20; immediate possession; price for quick sale £40; first deposit secures. Address, "Drugs," c/o 279 London Road, Sheffield.

WALSALL, South Staffordshire.—Drug Stores.—For immediate Sale, a good Business in a growing locality; plenty of scope; only reason for disposal, owner joining the Army. Apply, Jessop, Coldmore, Walsall.

WEST MIDLANDS.—A good Business for Sale, through ill-health; returns near £600; rent £40, let off £26; good house and garden; splendidly fitted shop, well stocked; commanding position; side entrance; bathroom, w.c. upstairs; sacrifice £450 or offer. "Imperative" (199/23), Office of this Paper.

CHEMIST'S Business for Sale in Liverpool district; populous neighbourhood; turnover £760 per annum; good living accommodation; an excellent opportunity to secure a sound business; reason for sale, ill-health; rent £36 per annum. Full particulars from Parkin S. Booth, F.A.A., Accountant to the Association of Manufacturing Chemists, Ltd., 2 Bixteth Street, Liverpool, and 32 Kimberley House, Holborn Viaduct, London, E.C.

CHEMIST'S Business, near Crystal Palace, for Disposal by order of creditors; trade about £850 per annum (arrangements might be made for further £350 per annum Dispensing only); rent £50 on lease; handsomely fitted shop, side entrance to house, 6 rooms, in capital order; large store in rear; cash necessary about £400. Apply to Francis French & Co., Auctioneers and Valuers, 10/12 Eastcheap, E.C.

EXCELLENT Seaside Business; takings 1915 £1,178, takings to September 1916 £1,121 (increase of £286 to date); fine, large, roomy shop, well stocked; Wine Licence, cash trade; worked single-handed; hours 8.30 to 7. Saturdays 8.30 to 9; owner entering medical; fine opportunity for all-round, active Chemist. Small house attached, which could be let off, making rental £32. Cash offers only to 88/46, Office of this Paper.

EXCEPTIONAL opportunity to acquire an old-established Chemist's Business in busy district of Manchester, through death of owner; carried on by him for upwards of 40 years; well-known Specialities and Recipes included; good living accommodation and low rental; immediate possession. For further particulars apply, Mellors, Basden & Mellors, Chartered Accountants, Nottingham.

HALF-SHARE in business near Oxford Street and Bond Street, W.; splendid opportunity for man with £300 or £400 to invest; present owner has excellent reasons for disposal. "E." (194/24), Office of this Paper.

HIGH-CLASS Dispensing Business for Sale in healthy prosperous London suburb; owner enlisting; returns £1,300; gross profits 45 per cent.; willing to accept part cash and part instalments. 199/12, Office of this Paper.

UNOPPOSED Country Retail, South-East Midlands; returns over £800, at good prices; same hands over 40 years; nice shop, well fitted and stocked; exceptionally good house; warehouses and garden; rent £25; price about £400. 89/630, Office of this Paper.

£100 or near offer secures handsome, large, well-fitted Pharmacy, partly stocked, in country town, East Midlands; good connection immediately secured by up-to-date man; has done good return, but much neglected of recent years; house and garden attached; appointment covers rent. Apply, 89/631, Office of this Paper.

FOR SALE.

COUNTER Case in mahogany, with bent plate-glass front, opens in three divisions, air-tight and beautifully fitted, with brass handles, locks, and stays; made by Sage; size about 11 ft. long, height at back 21 in., 24 in. back to front; cheap; room wanted. "W.," 5 Parkholme Road, Dalston, London.

FOR Sale, entire Fixtures of Chemist's shop, Counters, Cases, Fixtures, Bottles, etc.; suitable for opening new shop; cheap. Apply, J. Savage & Co., 254 Manchester Road, Bradford.

FOR Immediate Disposal.—The Mahogany Fixtures of a well-fitted Pharmacy: Bent-glass Counter Case, Glass Labelled Drawers, Mirror Backs, etc.; first reasonable offer accepted. Full particulars on application, Thorne, 430 Mile End Road, London, E.

INVESTMENT.—For Sale, 50 Preference shares of £5 each, fully paid, bearing 5 per cent. interest, in well-established Wholesale Chemists, paying good dividends on Ordinary shares; will accept £4 10*s.* per share, for all or part. Write, R. May, 48 Dover Street, London.

MUST Sell at Once.—Slightly used National Till, keys ½*d.* to £2; prints ticket. Write F. Pugh, 55 Burrows Road, Willesden, N.W.

1 CWT. Caustic Soda, white sticks, in 1 lb. bottles, free, 1*s.* 9*d.* per lb.; 1 cwt. glass Tubing, assorted diameters, 1*s.* per lb. Finlayson, Pharmacist, Stockton-on-Tees.

4½ OZ. Phenazone, 3 oz. Phenacetin, 1 oz. Cocain. Hydr., ⅓ oz. Beta-Eucaine, 4 oz. Salol, ¾ oz. Orthoform, 2 oz. Naphthol B., ʒj. Veratrine, ʒij. Aconitine, 1 lb. Vermilion, ½ oz. Phenolphthalein, 2½ oz. Aniline Dye, Green, 1 oz. Violet, 3 oz. Rose, 4 oz. Yellow, 2 oz. Cambridge Blue, 4 oz. Mauve, 2 oz. Skin Red. Dewing, Chemist, Goole.

PARTNERSHIPS.

LONDON.—A London Pharmacist, relinquishing his present lease, would enter another Pharmacy as working Partner; preferably a business of some size where ultimate succession would be entertained. "Serious" (199/34), Office of this Paper.

GENTLEMAN, well known and with considerable experience of the trade, is open to take up Partnership or small share in the business of a Wholesale or Manufacturing Chemist, Wholesale Druggist or Retail, or Patent Medicine House; London preferred; *bonâ-fide* offer; good references. Address, 195/25, Office of this Paper.

TO LET.

HERTS.—Premises occupied for past fifty years by Chemist; good opening for experienced elderly man; shop partly fitted; good house attached; rent £20 per annum. Apply, 195/32, Office of this Paper.

SHOP to Let, main road, at low rent and small figure for goodwill and fittings; fine chance for good man. Wreathall, 8 Princes Street, Westminster.

APPRENTICESHIPS.

MR. WILLIAMSON, Pharmacist, Congleton, desires a post as Apprentice in a good-class Pharmacy for his son, who is 16¾ years of age, tall, and has passed the Senior, Cambridge.

AGENCIES.

Price-lists, trade circulars, samples, and printed matter can in no case be forwarded, the Box numbers being intended exclusively for specific answers to particular advertisements. The Publisher reserves the right to open and refuse to forward any communications received which he may consider contrary to this rule.

EGYPTIAN Merchants with Offices in Cairo and other towns in Egypt are open to accept Representations for Patent Medicines, Drugs, Fancy Soaps, Toilet Specialities, etc.; best connection amongst the leading Druggists and Chemists all over Egypt; offers from young and progressive firms would be entertained. Apply, 197/26, Office of this Paper.

JAVA.—Advertiser, after some twenty years' successful independent working in Java, Pharmaceutical trade, fully cognisant of the requirements of the Tropics, shall be pleased to learn whether your interests would be benefited by appointing a Representative for Netherlands Indies in Holland and Soerabaja; Banking Account: Hong-Kong and Shanghai Banking Corporation, Soerabaja. Apply, "Pharmacia," Purchasing House for Netherlands Indies, Amersfoort, Holland.

ESTABLISHED Australian House trading with Australasia and the Far East is open to accept the Sole Agency and Representation of first-class Manufacturers of Fancy Soaps, Toilet Novelties, Essential Oils, Perfumery, etc.; would be prepared to consider applications from young progressive firm. Apply, 181/26, Office of this Paper.

FRENCH and English Chemists, doing a good Wholesale and Retail business in Chile, S.A., are open to take up exclusive Agencies; keep your trade out of German hands; references, Evans Sons Lescher & Webb, Ltd. Address, Mahuzier Successores, P.O. Box 265, Concepcion, Chile, S.A.

SITUATIONS OPEN.

3s. 6d. for 50 words or less; 6d. for every 10 words or less beyond, prepaid.

The **Advertiser** may, if preferred, have replies addressed to this Office, and forwarded on payment of an additional charge of **6d.**

This Blackboard demonstrates that Advertisers using these columns get a really response to their announcements. The figures only refer to some of the letters RECEIVED AT OUR OFFICE on behalf of Advertisers who use a number or nom de plume.

RETAIL.

ANNAN, Dumfriesshire.—Unqualified Junior or Improver (male or female) Wanted at once. Apply, with references and wages required, to Andrew Hogg, 37 High Street, Annan.

BOLTON.—Wanted, reliable Assistant, Window-dresser, capable taking charge occasionally, comfortable permanency to right man, Light Retail and Dispensing; reasonable hours; two others kept; kindly state salary and send photo if possible (which will be returned); undeniable references required. Massey, Chemist, Bolton.

BRIGHTON.—Wanted, an Assistant (outdoors), with good Dispensing experience; ineligible. Apply, with full particulars and salary required, to J. Miller, 4 Victoria Road, Brighton.

DARLINGTON.—Managing Assistant required, also one with Wholesale experience; abstainers preferred. Apply, stating age, height, experience, and salary required, to Waters, Chemist, Darlington.

EGHAM.—Good Junior Asistant wanted; ineligible for Army; accustomed to Dispensing and Photography. Apply, with usual particulars, to H. W. Herbert, Chemist, Egham, Surrey.

KENT.—Wanted, Junior Assistant, outdoors, unqualified, gentleman or lady (with Counter experience), for a Light Retail and Dispensing business; short hours; Wednesday half-day. Apply, stating age, height, experience, and salary required, to "H. J." (198/23), Office of this Paper.

LANCASHIRE.—Unqualified Assistant; ineligible for Army; Photographic or Optical (Fitting) experience essential; comfortable permanency with progressive salary offered to the right man. "Cotton" (199/371), Office of this Paper.

LEEDS.—Qualified Manager; exempt. Full particulars as to wages, etc., 196/19, Office of this Paper.

LONDON, E.—Young lady Assistant required for modern Chemists' business; one who has had good Counter experience preferred; permanency with good salary. "East" (199/37), Office of this Paper.

LONDON, N.—Five evenings a week and alternate Sunday evenings. Full particulars to "Chartreuse" (198/40), Office of this Paper.

LONDON, N.—Qualified and unqualified men, whole- or part-time, for Company Cash and N.H.I. businesses, working class; permanency with exceptional prospects; positions secure exemption. Please give full particulars, including wages required, and earliest possible date of commencing duties. 199/1, Office of this Paper.

LONDON, N.W.—Wanted, an Assistant with Dispensing experience; ineligible or over military age. Address, with usual details, 198/8, Office of this Paper.

LONDON, N.W.—Wanted for a good-class Dispensing and Retail business, an experienced Assistant. Apply, giving usual particulars and state salary required, to T. J. Evans, Ph.C., 9 Royal Parade, Golder's Green.

LONDON, N.W.—Assistant wanted (outdoors), whole- or part-time, for good-class Retail and Dispensing business. Apply, giving usual particulars, age, experience, salary required, etc., D. T. Davies, 567 Finchley Road, London, N.W.

LONDON, Near; Sutton, Surrey.—Wanted, a competent Assistant; outdoors; easy hours; liberal salary; a lady with "Hall" or other qualification would find this a comfortable berth; a good opportunity for gentleman with small capital with view to succession. Apply, Cooper, Chemist, Sutton.

LONDON, S.E.—Assistant wanted (outdoors) for quick Cash business; close Thursday 1 o'clock; no Sunday duty. State experience and salary required, Brooks' Drug Stores, corner of High Street, Broadway, Deptford.

LONDON, S.E.—£3 per week: Assistant, married, qualified; comfortable berth; good house attached. 198/4, Office of this Paper.

LONDON, S.W.—Wanted, Assistant with good Dispensing experience; no N.H.I.; full- or part-time; outdoors. Holt Green & Co., South Kensington Station.

LONDON, W.—Wanted, Junior Assistant; outdoors. Apply, with full particulars, to Harrington, 15 Kensington High Street, W.

LONDON, W.—Competent Assistant required immediately; one with West-End experience preferred. Apply personally, or by letter, to J. Munro & Co., 273 Regent Street.

LONDON, West.—Wanted, elderly qualified man, or one wishing to take it easy; hours 10 to 2 and 3 to 7 o'clock, or other hours could be arranged; comfortable and permanent berth. State age, experience, when disengaged, salary required, to A. J. Carder, 30 Highdown Road, Hove.

LONDON (West End).—Assistant for good-class business; not liable to military service; outdoors; hours 9 a.m. to 8 p.m.; no Sunday duty. Hairsine & Co., 47 Haymarket, S.W.

LONDON, West End.—At once, qualified Assistant, elderly, for easy berth; short hours. Apply, 199/3, Office of this Paper.

MANCHESTER.—Wanted, qualified Manager for Branch, working-class district. Kindly send copies of references, salary required, etc., to Lockwood, Chemist, Harpurhey, Manchester.

MANCHESTER.—Wanted, Junior Assistant; outdoors; good-class business. Apply, with full particulars, to Avee, Chemist, Prestwich, Manchester.

NEWCASTLE, Staffs.—Wanted at once, Branch Manager, qualified, ineligible, for good-class Store business; must be good Salesman and Window-dresser. Apply, with references, stating age, experience, and salary required, to Oxens, Ltd., The Rexall Pharmacy.

RUGBY.—Assistant (lady or gentleman), unqualified, for good-class Dispensing and Retail business. Percy B. Gray, Pharmaceutical Chemist, Rugby.

SOUTH OF ENGLAND.—Assistant required; free removal; permanency, with good salary. Timothy White Co., Ltd., Chemists, Portsmouth.

SOUTHAMPTON.—Assistant (outdoors) required for Light Retail and Dispensing business. Apply, with usual particulars, enclosing photo, to R. H. Fowler, 56 London Road, Southampton.

SWANSEA.—Wanted immediately, Assistant for Light Retail and Dispensing. Apply, stating age, salary, and reference, Wright & Son, 27 Walter Road, Swansea.

TAMWORTH.—Junior Assistant; ineligible; smart, and used to brisk Counter trade and Photographic; outdoors; easy hours; give full particulars and photo if possible; required end of September; every consideration to suitable man. Lands, Chemists, Tamworth.

UPTON PARK.—Lady Dispenser wanted, used to Counter work preferably. Apply personally, or if by letter please send photo, Guests, Cash Chemists, Upton Park, E.

WINCHESTER.—Lady Assistant (or ineligible male), chiefly for Dispensing and Stock; outdoors. Particulars of experience and salary required, to Eldred & Inge, High Street, Winchester.

WORCESTER.—Assistant required, chiefly for Dispensing; qualification not essential. State age, experience, references, salary required, and enclose photo, Anderson & Virgo, Chemists, Worcester.

YORK.—Managing Assistant required for highest-class Pharmacy; one who is willing to also Manage first-class Ladies' and Gentlemen's Hairdressing Saloons, and occupy position of trust. Write fully, E. B. Kendall & Son, 6 Coney Street, York.

AN experienced unqualified Assistant required for high-class Dispensing business; N.H.I. or Store experience not essential; one who has had a regular apprenticeship and is ineligible for service; outdoors. Apply, with full particulars, to 198/90, Office of this Paper.

ASSISTANT, Junior, wanted; ineligible; male or female; must be quick and accurate Dispenser; hours 8.30 to 9, Saturday 10, two hours off daily, half-day weekly, three hours alternate Sundays. Apply, giving full particulars, to A. C. Duke, Maybury Pharmacy, 138 High Road, Willesden Green, N.W.

ASSISTANT (unqualified), thoroughly capable, male or female, required, with good experience of first-class Retail trade; permanency; good prospects. State age, commencing wages required, and full particulars of previous appointments, to Manager, Junior Army and Navy Stores, Aldershot.

ASSISTANT; capable and with good experience. Apply, giving usual particulars, to Matthews & Son, Chemists, 722 High Road, Leytonstone, N.E.

ASSISTANT (Unqualified).—Thoroughly capable Assistant (male or female) required, with good experience of first-class Retail trade; permanency; good prospects. State age, commencing wages required, and full particulars of previous appointments, to Manager, Junior Army & Navy Stores, Aldershot.

COMPETENT Assistant required for good-class Dispensing business. State salary and full particulars to 199/6, Office of this Paper.

COUNTRY.—Manager for duration of war, Light Retail and Mixed. Vaughan, Studley.

DISPENSER and Bookkeeper required; married man, to reside at Surgery, working-class suburb; wife to act as Housekeeper. Write, "Doctor," c/o W. A. Jennings, 152 Kentish Town Road, N.W.

DISPENSING Assistant required; one with best experience, and perfectly reliable; outdoors; easy hours; liberal salary to good man. State age, experience, salary required, and submit photo to "Somme" (196/20), Office of this Paper.

ELDERLY Pharmacist as Assistant (indoors) in small country Retail; light duties; easy hours; must be abstainer. Apply, stating salary required, giving references and usual particulars, 89/63, Office of this Paper.

LADY wanted, South Coast, smart business woman, to make Galenicals, Toilet Preparations, etc., able to supervise packing and workroom. State experience, age, when disengaged, full particulars, to Simpson, 135 Queen's Road, Brighton.

LOCUM wanted for a week or ten days. Apply, "North" (198/25), Office of this Paper.

MANAGER wanted by October 30 for small market town; good-class Retail, Dispensing, and Photographic business; must be good Counterman and Prescriber and understand the Agricultural side. Apply, with full particulars as to salary and experience, to Holme, Chemist, Wallingford, Berks. Applicants not answered in three days declined.

MESSRS. JOHN BELL & CROYDEN, LTD., 50 Wigmore Street, W., require an experienced Assistant; outdoors; short hours. Apply to above.

MESSRS. TIMOTHY WHITE CO., LTD., Chemists, Portsmouth, require a capable Pharmacist (male or female); easy hours; good and progressive salary, with excellent prospects; free removal.

QUALIFIED Manager required for old-established Chemist's business, with a view to purchase on easy terms; populous district; unique opportunity. Apply, "Executor," c/o Birchall's Advertising Agency, Liverpool.

QUALIFIED, smart, reliable Assistant, Window-dresser, capable taking charge occasionally, reasonable hours, comfortable permanency, Light Retail and Dispensing; two others kept; indoors or outdoors, indoors preferred; arrangement could be made for married man to occupy premises over business. Apply, stating salary, references, photo if possible, Oliver, Chemist, Maidstone.

QUALIFIED Manager required for North London Branch on October 23rd; must be capable and trustworthy; personal interview preferred, or letter should contain full particulars of age and experience, etc. Apply, F. J. Sproston, 77 Abbeville Road, Clapham Park, S.W.

QUALIFIED Manager required for up-to-date Light Retail business situate in the provinces; good salary with interest in the profits offered to a smart and capable man; married man preferred. "North" (199/372), Office of this Paper.

QUALIFIED Chemist (ineligible) to Manage Branch Pharmacy in the Midlands; good-class Light Retail business, with some Insurance Dispensing; easy hours and no Sunday or night duty; applicants must send particulars of experience and state salary desired. Apply, 199/19, Office of this Paper.

QUALIFIED Manager wanted for London suburb; no Sunday duty. Write 89/62, Office of this Paper.

REQUIRED, Assistants for the Front Counter in large Retail establishment; men must not be eligible for military service; applications from suitable ladies would be entertained if had experience in the trade. Write "L. J. 863," Sells' Advertising Offices, Fleet Street, E.C.

UNQUALIFIED Assistant for duration of war only; must be good Dispenser and Counterman. State full particulars, age, references, experience, wages, and when at liberty. Essential ineligible for any form of military service. Prossers, Ltd., Walkden, Manchester.

UNQUALIFIED Assistant, possessing a good knowledge of Counter trade and Dispensing, required for a very comfortable berth in the West Riding of Yorkshire; would suit married man with no family admirably. "Birk" (199/370), Office of this Paper.

WANTED, thoroughly reliable Assistant; good Dispenser; desirable berth to suitable person. Wearing, The Central Pharmacy, Woking.

WANTED, Assistant or part-time or a few evenings a week. Lyon, 18 Formosa Street.

WANTED at once, Dental Operating Mechanic to take charge of Branch; unregistered; wages and commission. Apply, 59 New King's Road, Fulham, S.W.

WANTED at once, smart, up-to-date qualified Chemist; capable of taking charge; good salary to right man; give full particulars in first letter. Apply, Morton's, 199 Portobello Road, Notting Hill, W.

WHOLESALE.

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ANALYTICAL Laboratory.—Lady Pharmacist wanted by Wholesale house (London, E.), to carry out Galenical standardisations, etc.; must be an accurate and energetic worker. Apply, with full particulars, salary required, etc., to 89/1, Office of this Paper.

ASSISTANT required in Analytical Laboratory; good preliminary Chemical training necessary, and some practical experience an advantage; one studying for Institute of Chemistry examinations preferred, lady or gentleman; ineligible. Apply, stating full particulars and salary required, to Harrison & Self, 57 Chancery Lane, W.C.

COMPETENT Chemist required, with experience in Manufacturing first-class Packed Goods, Toilet Preparations, and Perfumery; scope for man with initiative and enterprise in taking up fresh lines; permanency. Reply, stating experience in similar capacity, if first or second in charge, qualifications, etc., 89/18, Office of this Paper.

DRUG hands wanted for Wet and Dry Room. Ayrton, Saunders & Co., Ltd., 34 Hanover Street, Liverpool.

LABORATORY Assistant required by a London Wholesale House, experienced in the Manufacture of Galenicals, etc. State age, experience, and salary required, 200/30, Office of this Paper.

MESSRS. WILLOWS, FRANCIS, BUTLER & THOMPSON, LTD., 40 Aldersgate Street, London, require a Wet Floor Assistant, a Laboratory Assistant, and a Pill Maker.

PERFUMERY hands, used to very best work, required; good wages and excellent prospects. Black Bull Works, Caledonian Market, N.

REPRESENTATIVE wanted by a Wholesale provincial House, to call upon medical men, chiefly in Wales; one with a knowledge of the country preferred; must be ineligible for Army. Write full particulars, with age, experience, salary required, recent reference, and when disengaged, 196/18, Office of this Paper.

REPRESENTATIVE wanted by a firm specialising in Packed Drugs, Toilet Articles, Tube Goods, etc., to take over the connection of a gentleman passed for military duty; journeys partly in London and partly country; the same remuneration would be paid as to predecessor; good connection already established. Apply, 87/2, Office of this Paper.

TRAVELLER required for Great Britain to carry a Line of Druggists' and Surgical Rubber Goods (Wholesale only); would suit gentleman (or lady) already covering this territory, but able to devote some time to another line; commission and part expenses. Apply, giving full particulars, to 200/34, Office of this Paper.

UNDER Forewoman required for Packed Drug trade; previous experience essential. Apply by letter, stating experience, age, and wage required, Box 1554, Haddon's Advertising Offices, Salisbury Square, London, E.C.

VINOLIA CO., LTD., require an experienced Chemist to take charge of the Manufacture and Compounding of Pharmaceutical and Toilet Preparations; able to work up and develop new ideas; must be ineligible for military service. Apply, with full particulars, and stating salary required, to "Wor," Managing Director, Vinolia Co., Ltd., Bebington, Cheshire.

WANTED, for Pharmacy Laboratory of provincial Manufacturing Chemists, capable, energetic, qualified man (exempt from military service), experienced in making B.P. Galenicals, Resinoids, etc., and to control small staff. State qualifications, references, and salary required, 88/74, Office of this Paper.

WANTED, an Assistant for Laboratory; one used to the Making of Toilet Preparations; lady not objected to. Apply, 200/35, Office of this Paper.

WHOLESALE.—Required, experienced man or youth, ineligible for Army, to put up Doctors' orders. Apply, giving recent references, age, and wages required, Wharram, Ltd., 115 Vicar Lane, Leeds.

WHOLESALE.—Wanted, man experienced in Toilet Articles and Perfumery for Manufacturing Department of a London Hairdressers' Sundries House; a good knowledge of Essential Oils and Synthetic Perfumes is essential. Apply, 89/26, Office of this Paper.

SITUATIONS OPEN.

(Colonial, Indian and Foreign.)

3s. 6d. for **50** words or less; **6d.** for every **10** words or less beyond, prepaid. The **Advertiser** may, if preferred, have replies addressed to this Office, and forwarded on payment of an additional charge of **6d.**

CALCUTTA.—Qualified Assistant, free from military service, for large European House; 4 years' agreement; salary 275 rupees a month, second year 300 rupees per month, third year 325 rupees per month, fourth year 350 rupees per month; second-class passage paid out and home; good opportunity for a smart man. Apply, "G. K.," Evans Sons Lescher & Webb, Ltd., 60 Bartholomew Close, E.C.

NAIROBI, British East Africa.—Qualified Assistant required; exempt from military service; young man who has passed his Minor about three years; agreement for three years; salary £20, £25, and £30 per month respectively; passage paid out and home. Apply "G. K.," Evans Sons Lescher & Webb, Ltd., 60 Bartholomew Close, E.C.

SHANGHAI.—Qualified Assistant required in old-established high-class English House; ineligible for military service; English-speaking Belgian would be considered; liberal terms and conditions. Full particulars to "Shanghai," c/o Street's, Cornhill, E.C.

SHANGHAI.—Qualified man required for first-class British Pharmacy; excellent billet for a good man; four years' agreement; salary £12, £14, £16, and £18 per month, with board and lodging, or an allowance of 70 dollars per month if board and lodging out preferred. Apply, "P.O.B.T.G.K.," Evans Sons Lescher & Webb, Ltd., 60 Bartholomew Close, E.C.

SITUATIONS WANTED.

1s. for 12 words or less; 6d. for every 10 words or less beyond, prepaid.

The **Advertiser** may, if preferred, have replies addressed to this Office, and forwarded on payment of an additional charge of **6d.**

[HOME.]

RETAIL.

AFTERNOON work required by qualified lady Dispenser. 89 Brockley Rise, Forest Hill.

ASSISTANT (unqualified) desires position with Chemist; 10 years' Hospital Dispensing experience; ineligible for military service. "J. H.," c/o 10 Grange Terrace, Leeds.

ASSISTANT; unqualified; Counter, Dispenser, Extractor; over military age; single. "Alum" (199/9), Office of this Paper.

ASSISTANT or Manager; 49; tall; good experience and appearance; seeks permanency, London or suburbs; married; reliable, trustworthy. 200/31, Office of this Paper.

DISENGAGED shortly, Locum, permanency. "Locum," c/o Dolman & Sons, Chemists, Cheltenham.

DISPENSER (lady), qualified, desires post, Hospital or Doctor; London preferred. 198/26, Office of this Paper.

EVENINGS.—Qualified woman Dispenser wants work, not shop. "Hall," Farringdon Dispensary, Holborn. Tel. 5808 City.

EX-PHARMACIST (Minor man) offers war help, direct or indirect, of any kind possible to him; just liberated from travellership for great London Drug house. 200/280, Office of this Paper.

JUNIOR, part-time, morning and afternoon. "B. G.," 41 Frithville Gardens, Shepherd's Bush.

JUNIOR; 22; high-class Dispensing and Retail experience; exempted; fluent French. 200/33, Office of this Paper.

LADY Dispenser (Apothecaries' Hall), experienced, requires post with Doctor or good Dispensing Chemist; free at the end of October. Miss Duke, 4 Beechwood Road, Plymouth.

LADY desires Hospital Dispensing experience. Mrs. Wood-Smith, 9 Blenheim Road, Bedford Park.

LADY Dispenser; Hall certificate; good testimonials; disengaged; widow; age 28. G. Stevenson, 15 Northanger Road, Streatham, S.W.

LADY requires position as Dispenser with Doctor or Pharmacy; experienced; good references. Apply, 198/33, Office of this Paper.

LADY Dispenser, experienced, requires post, in or near London preferred, or Locum. Apply, 199/30, Office of this Paper.

LADY Dispenser (Hall certificate) desires post with Doctor, Hospital or Institution in London or its suburbs. Miss K. Deighton, 63 Wickham Road, Brockley, London, S.E.

LADY Dispenser, qualified, desires re-engagement, Doctor or Institution; experienced Bookkeeping, etc. 198/21, Office of this Paper.

LADY (Hall), experienced, desires afternoon Dispensing; London. 200/38, Office of this Paper.

LIVERPOOL.—Change required; Retail, Wholesale, and Store experience, Dispensing, Photography; 27; Army category C iii.; short hours or part-time; unqualified; permanent. 198/36, Office of this Paper.

LOCUM; 29; good Retail Dispensing, Photographic experience; height 5 ft. 7½ in. 9 Avondale Road, Eastbourne.

LOCUM or Branch Manager; qualified; experienced, London and provinces; disengaged October 9. "Sterisol" (198/19), Office of this Paper.

LOCUM; qualified; 34; experienced; disengaged. "A.," 70 Clancarty Road, Fulham.

M.P.S.—Manager or Locum; disengaged; excellent credentials. Apply, 197/22, Office of this Paper.

MANAGER (Major); experienced all round, including Photography, N.H.I., Agriculture; 12 years' business own account; free October 16th; age 45. Walton Porter, 43 St. Mary's Street, Wallingford, Berks.

MANAGER or position of trust, London or suburbs; over military age; married; qualified; best experience. J. E. Dix, 8 High Street, Croydon.

MANAGER or Managing Assistant, unqualified (34), desires permanency in good-class business; experienced Counterman and Prescriber; thoroughly reliable. "Aspirin," 21 Newfoundland Road, Whitchurch Road, Cardiff.

NOTTINGHAMSHIRE.—Temporary Managership or otherwise; good Prescriber; over military age. 198/30, Office of this Paper.

PHARMACIST, qualified, over military age, seeks position as Senior or Manager; first-class experience. 198/34, Office of this Paper.

POST required by lady Dispenser with Institution or Doctor; Hall qualification; two years' experience; good references. "H.," 31 N. Boulevard, Hull.

QUALIFIED; 43; local Dispensership, full or part time, preferred. Barker, Chemist, Woodbrook, Oldham

QUALIFIED, up-to-date business builder, as Manager, 43; tall; with or without view succession; reasonable hours; South preferred. "B.," 15 Chapel Street, Petersfield.

QUALIFIED, permanency or Locum; a smart business man, with every experience. "Mallow" (199/13), Office of this Paper.

QUALIFIED; ineligible; all-round experience; abstainer. State salary (Lancs or Yorks), "Statim" (199/22), Office of this Paper.

QUALIFIED Chemist desires position as Manager with first-class firm; ineligible. "Senex" (200/23), Office of this Paper.

QUALIFIED; Branch Manager; 28; 5 years' West-End experience; disengaged middle October; London preferred. 200/26, Office of this Paper.

UNQUALIFIED, age 32, thorough experience and first-class testimonials, married, seeks permanency, Manchester district. Reply, "C. C. T." (199/8), Office of this Paper.

UNQUALIFIED; experienced; Manage or Assist; excellent references; disengaged October 2; outdoors preferred. "Drugs," 184 East Surrey Grove, Peckham, S.E.

YOUNG lady Dispenser (Hall qualification) desires First post; non-resident; London area preferred. "S.," 24 Midmoor Road, Wimbledon.

YOUNG lady Dispenser, used to Counter work; experienced; North London preferred. State terms (outdoors), "Alpha" (200/32), Office of this Paper.

YOUNG lady (20), with two years' experience, desires situation as Junior. "M.," 325 Fratton Road, Portsmouth.

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Price-lists, trade circulars, samples, and printed matter can in no case be forwarded, the Box numbers being intended exclusively for specific answers to particular advertisements. The Publisher reserves the right to open and refuse to forward any communications received which he may consider contrary to this rule.

DO you manufacture quick-selling Lines in Packed Goods? If so, I am your man to dispose of them, having the connection. Good living commission required, ground covered London to Aberdeen. E. Jones, Post Restante, Croydon.

DUBLIN.—Traveller, disengaged shortly, invites correspondence, Wholesale, Drug, or Allied Proprietary, Toilet, etc.; energy and good connection in return for liberal remuneration. 197/30, Office of this Paper.

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PHARMACIST, experienced Interviewer and Organiser, expert knowledge Advertising, Photography, Packed Goods' trade, seeks post with good Wholesale House or multiple firm as Representative or Departmental Manager. "Resourceful" (199/14), Office of this Paper.

QUALIFIED seeks post as Representative to good House. "Pharmacist," 165 Percy Road, W.

TRAVELLER seeks re-engagement with reliable House; twenty years' connection in South of England ground; age 46. "A. B. C." (198/31), Office of this Paper.

WANTED, position Steam Laboratory or Department Manager; qualified; wide experience; used to control of men; honourable discharge from Australian Imperial Force. Apply, "Ineligible" (197/37), Office of this Paper.

WEST OF ENGLAND.—Gentleman covering this ground desires additional Agency for well-known house; part expenses and commission; references; guarantee. Address, "Bristolian" (198/28), Office of this Paper.

MISCELLANEOUS.

MCADAM & TUCKNISS, Sharedealers, Bank Chambers, Blackheath, S.E. Established 1898. Telephone, 81 Lee Green.

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Wanted (subject).—50 Virol, 34*s.* 6*d.*; 50 Ilford Ordinary, 11*s.*; 300 Lewis & Burrows Preference, 11*s.* 4½*d.*; Allenburys Preference; Camwal Preference.

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The object of this section is to facilitate the interchange of pharmaceutical products which are scarce at present owing to the War, and which the inquirers have failed to obtain through the customary business channels.

TERMS

Minimum charge (including registration fee) of **1/-** for six words or less; **2d.** per word beyond, prepaid Inquiries are inserted with a registration number attached to each item, and replies will be communicated direct to the inquirers by the Information Department of "THE CHEMIST AND DRUGGIST."

WANTED.

Principals having any of the following articles to dispose of are requested to notify the fact by postcard or otherwise **stating quantity and price** to

THE WAR WANTS EXCHANGE,

"The Chemist and Druggist," 42 Cannon Street, London, E.C.

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Iodoglidine tablets (187/8)
Marienbad tablets (original boxes) (197/31)
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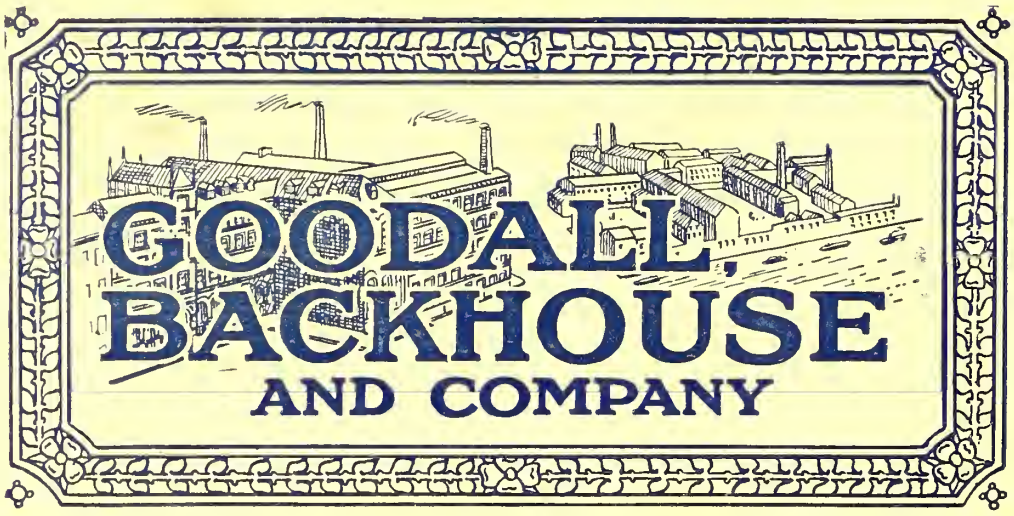
Phenacetin, powder or tablets (198/27)
Pot. permang. (39/64)



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